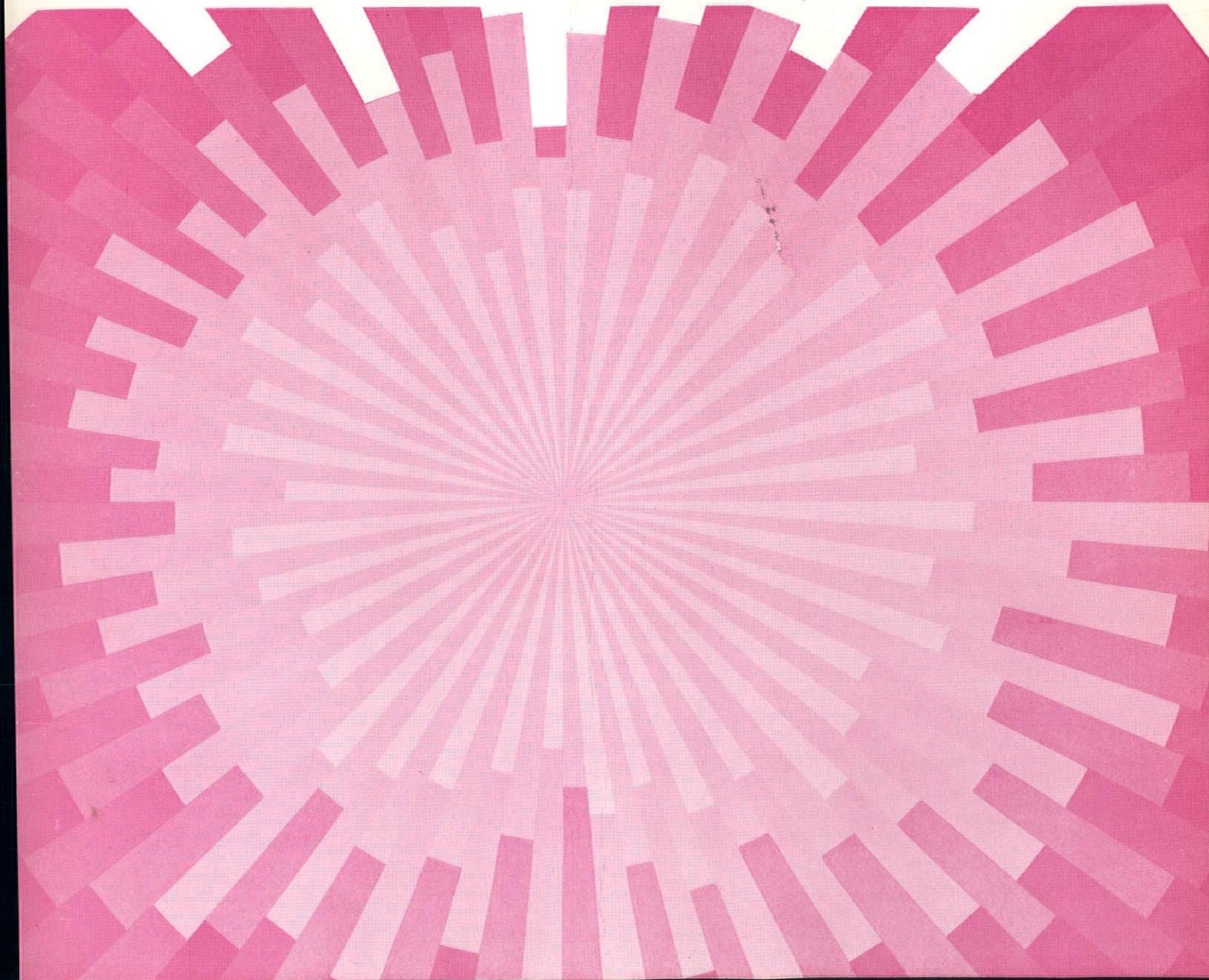


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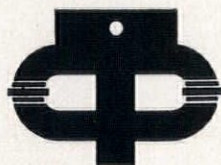
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construction communications in the Rocky Mountain West

VOLUME 3

NUMBER 10

MARCH, 1969

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the last word:

The Nicest People! A personal, long-distance telephone call AND a beautiful bouquet of appreciation brightened Symposia's corner in early February. All this from Nancy and Ashley Carpenter of Salt Lake City. This great twosome was Symposia Saluted in our February issue—and whatta way to say "thank you". We really need something bigger than 10 point type to express our gratitude to those "nicest people".

John F. Burnett (Conditioned Air Company) has been elected President of the Air Conditioning Contractors of Arizona. Mr. B. will be aided and abetted by Vice President, Charles Roberts; Secretary, Richard Lorton and J. B. Rodgers, Treasurer. John Armer and Howard E. Kraft (Past President) will serve on the Executive Board.

Addendum: Bell System—For improved service and more expeditious handling of calls to the Denver Building Department—here are new Section Telephone Numbers. Plan Checking/Engineers: 297-5843; Permit Section: 297-5186; Licensing Section: 297-5905; Inspection Section and Information: 297-2441. Administrative Offices may be reached by dialing 297-5843 . . . the same number as the Plan Checking/Engineers Section. Make room in your little black book for these important numbers.

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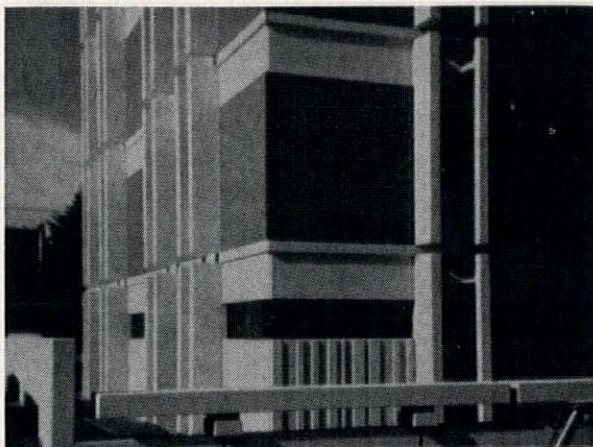
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Happy Thought! Architectural students at the University of New Mexico should be pleased to know that the Santa Fe Chapter of the New Mexico Society/AIA has voted to present an annual \$250 scholarship to the Department and to donate an additional \$200 to the Architectural Library.

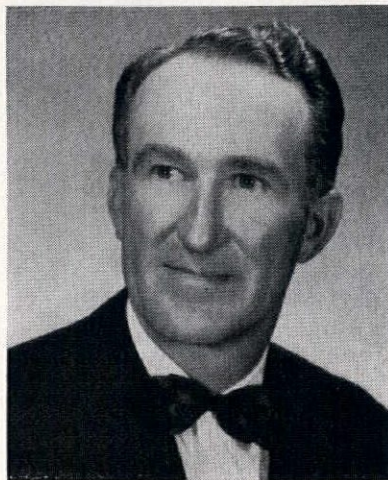
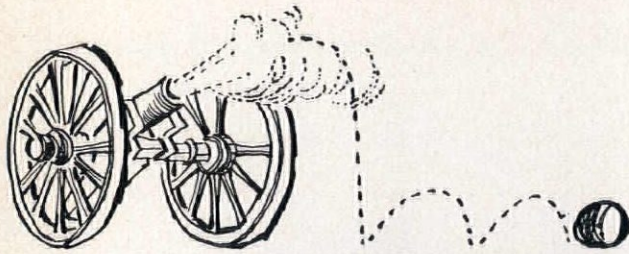
The jury selected to judge the First Annual Sculpture Competition at the University of Colorado includes Art Critic Otto Karl Bach (Denver Art Museum), Hobart Wagener, AIA, Boulder Architect and designer of the Williams Towers Complex where the statue will be erected, and Glenn Chamberlain, Professor of Fine Arts at Colorado University. Awards will be made early in March, and the winning sculpture will be seen in April's Symposia.

Sanitary Engineer, Alvin R. Anderson (Nielsen & Maxwell, Salt Lake City, Utah) has been appointed by the Utah Public Health Association to serve on the Ad Hoc Committee studying "Today's Role of the State and Local Health Departments of Utah."

Members of the Phoenix Chapter/Producers' Council will take to the road in March to meet in Tucson with architects, specifiers, et al for a combined Golf-Satellite meeting. Bob Coppersmith and Barron Weeks of the Phoenix PC are in charge of the festivities.

A new associate has been named by the Denver-based Consulting Engineering Firm of Ketchum, Konkell, Barrett, Nickel and Austin. He is Gary B. Gehrig who has been with KKBNA since 1965. An Architectural Engineering graduate of Pennsylvania State University, he has recently completed graduate studies toward his Master's degree at the University of Arizona and Colorado University. His professional background includes several years with a consulting engineering firm in Tucson, Arizona.

a symposia salute



TO:
Malcolm R. Meurer
Secretary-Treasurer
Consulting Engineers Council/U.S.A.

Symposia is delighted to acknowledge with this March Salute, the election of still another member of our architecture/engineering/construction community to the "councils of the mighty." It is, of course, Malcolm Meurer who has just been elected Secretary-Treasurer of the CEC/USA. He will assume his two-year term at the 13th Annual CEC Convention being held May 12-15 in Las Vegas, Nevada. He will serve with the CEC's new president, Art V. Maxwell of Salt Lake City, Utah.

Mr. M. is a Hoosier by birth and education—graduating from Rose Polytechnic Institute at Terre Haute in 1949 in Civil Engineering—an education somewhat disturbed by three years in the Heavy Artillery during World War the Twice.

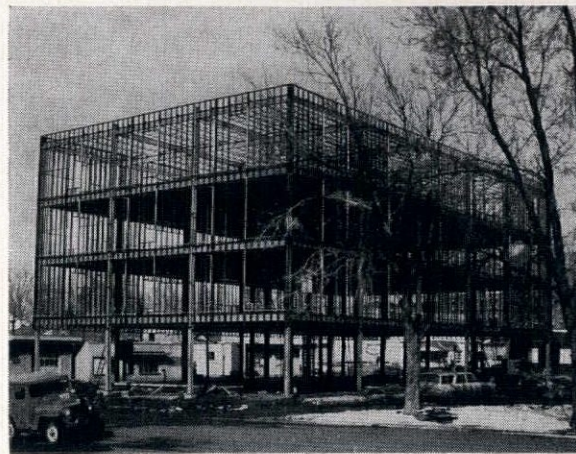
Following graduation, he worked for a construction company in Grand Rapids, and in 1953 joined the firm of Drury, McNamee and Porter, Consulting Engineers of Ann Arbor, Michigan. In 1955, the firm of Meurer, Serafini and Meurer, Inc., Consulting Engineers, was organized in Denver with Malcolm as one of the original principals. He presently serves as Business Manager.

He is a registered Professional Engineer and Land Surveyor in Colorado and in addition to his membership in CEC (Colorado and USA) he belongs to many technical societies including: N.S.P.E., Rocky Mountain Association of Sewage Works, American Society of Civil Engineers, the A.W.W.A. and the Colorado Society of Engineers. He has served the Consulting Engineers Council as Chairman of the National Budget and Finance Committee (1965-'66) and as the CEC/Colorado Alternate Director at the Tulsa Convention.

Mr. Meurer and his wife are the parents of three children . . . Douglas and Jeanne, high schoolers, and their oldest son, Gordon, is a student at Colorado State University. Our congratulations and our salute goes to Mr. Malcolm Meurer, newly elected Secretary-Treasurer of CEC/USA.

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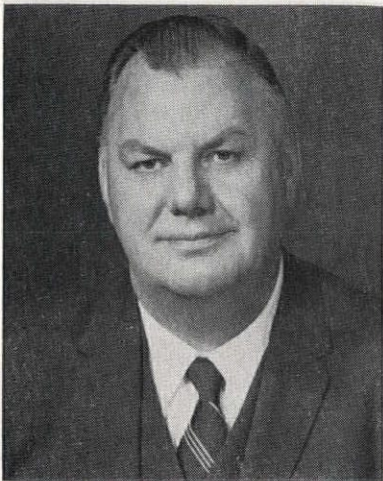
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Colorado Mason Contractors Association II Annual Conference/"Masonry and the Future"



Roland Wilson, Architect



Thomas Murphy, President
B. M. P. I. U. of America

March 29, 1969—9:00 a.m. - 5:00 p.m.—Merchandise Mart, Denver

Their auspicious first (see Symposia/March, 1968) serves as the inspiration for a second equally fine program planned for the Colorado Masonry Contractors Association. The March 29th meeting of this forward-looking Industry group will be held at Denver's Merchandise Mart and will bring together speakers of interest to all members of the architecture/engineering/construction community.

The Industry Exhibit will open at 9:00 a.m. with over thirty displays. There will be good coffee (hot!), rolls and ideas (equally hot!) for the uses of masonry in modern construction. "Sandy" Sandoval (Robco) will be in charge at the luncheon, and Walt Rothermel, President of CMC, will provide the welcome. The afternoon Seminar will be moderated by Roland Proett (Dow Chemical) and will encompass in scope and importance the entire Industry picture. The four vital subjects under discussion are:

MASONRY DESIGN ON BUILDINGS OF TOMORROW

Speaker: Roland Wilson, Architect

Mr. Wilson is interested in the design, promotion and development of the apartment complex. Educated at Denver University, registered to practice architecture in Colorado, Iowa, Nebraska, Texas, New Mexico and Wyoming.

He is charged with answering questions regarding the prime consideration between masonry and other materials; improvements which could be made in masonry materials and techniques; what design concepts will require changes; what problems are encountered and how to solve them; what an architect likes and dislikes about masonry and what uses and applications of masonry do architects foresee in the future.

NEW APPLICATIONS OF MASONRY

Speaker: Don Wakefield, Regional Director, Structural Clay Products Institute

Mr. Wakefield will delineate the whys and wherefores of new applications of masonry and their benefits; the new applications which have been made and are in the research phase which will have a significant effect on the Industry and how does this compare with other industries in the terms of research and development of end use techniques and product development; how the United States compares with other countries in this field and what Masonry can do to prepare for the maximum benefit of these developments.

ADAPTING TO NEW MASONRY TECHNIQUES

Speaker: Gage Behunin, Masonry Contractor

He will discuss the new techniques needed by the mason contractor including problems foreseen in adapting to this new technology and their

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solutions; the roles which can be assumed by contractors, mason and supplier to bring about optimum benefit from new techniques, and the impact of mechanical equipment, research and development upon the masonry Industry.

THE FUTURE OF THE MASON

Speaker: Thomas Murphy, President of the Bricklayers, Masons and Plasterers International Union of America.

Mr. Murphy was initiated as a Journeyman Bricklayer in April of 1929. Since 1936, he has been actively involved in the affairs of the International Union, serving as treasurer, secretary and president. He is Vice President of the Building and Construction Trades Department of the AFL-CIO, and has been appointed to vital posts by both the President and Secretary of Labor attending as a delegate the International Labor Organizations Conference in Geneva and the Ceylon Trade Fair in Colombo, Ceylon. He acted as an advisor under the reconstruction program of the West German government.

Questions which Mr. Murphy will answer include: will there be sufficient masons to handle increased demands for masonry product use and what programs are to be carried out for training now and in the future; what should today's mason be thinking in terms of his future, and what applications will be most beneficial to the mason and the masonry industry; what statistics are available relative to increase or decrease of the construction dollar, the average age of the mason compared to ten years ago and what the mason can do to help masonry in the future.

It is clear from the discussion topics and the speakers involved that Mr. Proett will have a lively time fielding the questions and answers following the panel presentations.

A complimentary cocktail hour will conclude the program.

At a minimal cost of \$4.00 per person which includes the luncheon, this nine to five program on March 29th is a bargain! It indeed indicates that this "second time around" for the Colorado Masonry Contractors will prove of significant value to the entire Industry . . . and we would urge all members of the construction community to attend and take that good look at "Masonry and the Future."



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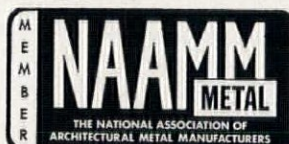
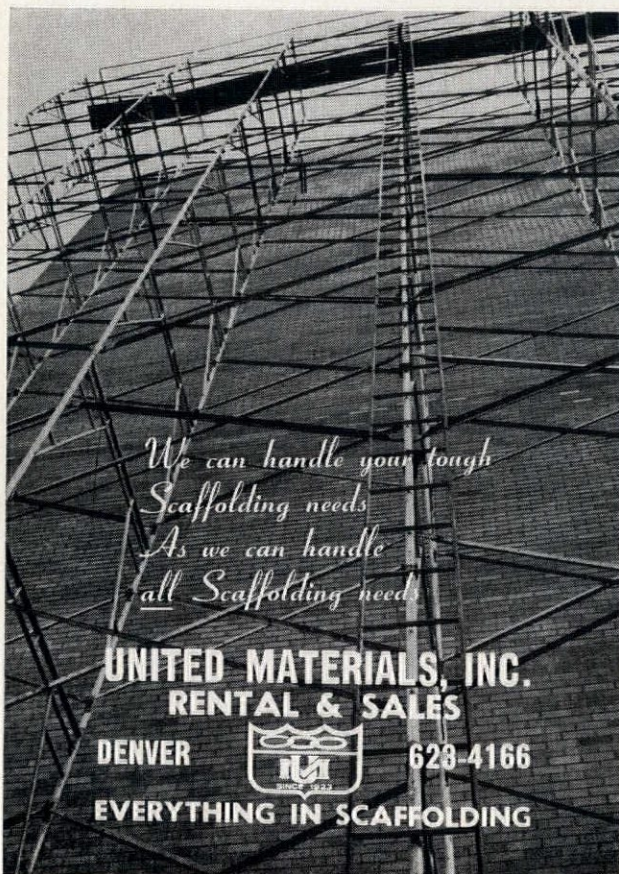
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Meeting in Denver, February 16-19, with a Post Convention Meeting and Tour in Winter Park, the National Precast Concrete Association held three excellent General Sessions, heard two outstanding Luncheon speakers, and climaxed it all with a President's Reception, Banquet and Ball.

First General Session: "New Precast Products and Developments in the Precast Concrete Industry" was the topic discussed by Donald W. Pfeifer, Manager of the Products Research Section of the Portland Cement Association. Mr. Pfeifer explained a new, load-bearing wall system for low-income housing which has been developed by the Research Section which includes 3" thick wall panels, 1" thick x 12" wide planks and lighter and more economical beams. Such a system could prove of tremendous value in the field of replacement housing since it is now apparent that high-rise structures are unacceptable socially to ghetto residents. Mr. Pfeifer also explained the research going forward at Skokie, Illinois on a new, quick-set cement designed to speed production in precast factories.

"The Precaster—Which Way" was the question posed by the British expert, Kenneth Jessop of Stelmo, Ltd., Kent, England. He stressed the importance of pre-engineering and pre-design, and of the need of accepting the discipline of standard components. His slide presentation included a high-rise structure, a car park (which, incidentally, was esthetically very satisfying and built at a cost of \$800 per car housed) and what Mr. Jessop referred to as a "fly-over." His American cousins were somewhat baffled by the term clarified when his slides revealed that an English fly-over was really just an elevated freeway. He also presented a pre-engineered Light House, of black and white concrete, and erected within 15 weeks with some 6 weeks of the time taken for pre-design and engineering study.

Luncheon Speaker on Monday was Cris Dobbins, President and Chairman of the Board for Ideal Basic Industries, Inc. Mr. Dobbins indeed predicted a "Bright Future" for the "Precast Concrete" Industry.

On Tuesday and Wednesday, workshops which involved all members of the Precast community were held on "Marketing" and "Operations." Those present were able to discuss "Individual Waste Disposal Systems," "Pre-Engineered Packaged Concrete Buildings," "Architectural Precast Concrete" and "Utility and Underground Products" on Tuesday. On Wednesday the "Operations" workshops included "Proper Forming and Techniques and Quality Control," "Plant Operations—Storage, Handling and Shipping," "Production Planning and Cost Control" and "Financial Management." Every aspect of the "nitty gritty" of the precast industry was given time, consideration and delineation.

Chancellor of Denver University, Dr. Maurice B. Mitchell, addressed the Tuesday Luncheon.

On Wednesday afternoon, delegates to the convention toured Denver Precast plants and concrete installations in the area. Unfortunately, Symposia's deadline has precluded further coverage of this vital and interesting meeting. We plan further features most particularly one on Mr. Kenneth Jessop's handsome parking structure.

BUILDING OWNERS AND MANAGERS SOUTHWEST REGIONAL CONFERENCE

Meeting simultaneously at the Denver Hilton on February

16-18 were members of the Southwest Region of the Building Owners and Managers Association. Opening with a "Round Up Reception" on Sunday evening, the BOMA Members held three General Sessions treating problems, solutions and forecasts in their areas of involvement. Speakers at the early Monday session included E. M. Bishop of Chicago, James E. Weaver of Minneapolis and John Ferguson of Denver. They discussed waterproofing, solar control and wage and hour problems. Mr. Ira N. Ross of Lehman Brothers Economics Department, New York, addressed the luncheon meeting.

On Monday afternoon, "Mortgage Financing, 1969" was the topic of the speech given by Mr. Donald R. Waugh, Jr., Vice President of the Equitable Life Assurance Society. Mr. Waugh outlined the design criteria which has been adopted by many lending institutions for loans on commercial and other structures. There will be more money made available in the year ahead, Mr. Waugh stated, for loans to small businesses in an effort to create new and better jobs in the ghettos of American cities. Denver's own Langdon Morris, AIA, discussed Preservation of Old Buildings, pinpointing most particularly his own award-winning project in Larimer Square. Mr. Morris drew attention to the high return on carefully renovated old buildings which can be accomplished at something near 60% the cost of new structures.

Public Affairs Conference March 18-20, 1969

Once again this month of March, members of the American Institute of Architects and the Consulting Engineers Council will make the trek east for the Annual Public Affairs Conference. Scheduled for March 18-20, and headquartered at the Mayflower Hotel in Washington, D.C., more than five hundred architects and engineers are expected to attend this year's Conference. Both AIA President, George E. Kassabaum, FAIA and CEC President John G. Reuter will address the conferees.

A tentative time table for the conference sets Registration at the Mayflower at 3:00-8:00 p.m. on Tuesday, March 18th; in the evening a reception will be held at the Smithsonian Museum of Science and Technology. March 19th, architects and engineers will hear from Mr. Kassabaum and Mr. Reutter and discuss key topics including: union control of plans and specs (see Elevation) revamping Federal procurement procedures, new towns and other legislative issues of interest to the design professionals, A-E's and equal opportunity regulations, the Federal Government as a client, the budget and its impact on construction, grant-in-aid discussions and influencing legislation. March 20th will be spent in visits and appointments with Congressmen on Capitol Hill and with Federal agency officials.

Architects and engineers from our Region should definitely make an effort to attend and participate in this second annual AIA-CEC Conference. Initiated some years ago by the Consulting Engineers, the Conference last year was expanded to incorporate the AIA, and the joint effort has yielded a greater rapport with both Congress and the Federal Government. It is increasingly important for Government to be given a view of the "other side of the coin."

We urge you to contact either Larry Spiller, Assistant Director/CEC, 1155 15th Street, N.W., Washington, D.C. 20005 or Philip Hutchinson, Governmental Affairs Director for AIA, 1735 New York Avenue, N.W., Washington, D.C., 20006 for registration material and further details.

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Status Report: LEGISLATION

ARIZONA—

Pushing for a Statute of Limitations. No report on status of the Bill, but Arizona Society President Richard Arnold stated at the WMR Council meeting at Grassroots that the Arizona Trial Lawyers Association has consistently opposed any Statute of Limitations in that State.

COLORADO—

A slightly revised Statute of Limitations has passed the House of Representatives, is now in the State Affairs Committee of the Senate. Time limit has been changed from 6 to 12 years, and contractors and surveyors have been excluded.

Senate Bill 65: This bill, presently in the Senate Education Committee, would set up a State School Building Authority. Design professionals feel this bill is not well written, and the powers granted are so broad that misuse of these powers could well lead to establishment of a State Architect for school construction.

House Bill 1140: To create a State Department of Transportation. This bill has been reviewed by the AIA Urban Design Committee (Chairman: Dan Havekost), and given their approval. The Department, the Committee feels, would take a broader look at the overall problem, bring about a balanced transportation system.

House Bill 1150: A bill to impose a Service Tax on professional services—excluded would be all medical, dental, hospital and health services—included would be lawyers, architects, engineers, CPA's and other professional services. Part of a plan to up

state revenues. In the Finance Committee presently and under study by the AIA and other professional groups.

MONTANA—

A State-wide Building Code has been introduced and passed by one house. Alive and healthy at last report. Injunctive power for the State Boards is dead for this term, and it would seem the Statute of Limitations is in the same condition.

Likely passage of a bill eliminating an ancient county license on architects—and the engineering profession will probably pass a bill making it difficult for engineers to practice architecture—this last at the request of the architects.

NEW MEXICO—

The 29th New Mexico Legislature opened for business on January 20. Everyone promised a working session—full of harmony and peace.

On January 21: Two bills introduced in the House regarding the Construction Industries Act—Two bills introduced in Senate regarding revisions to the above named Act. (These four single item measures for change or improvement require approval by only one committee in each house—a single four item bill would have had to be heard by two committees in each house). Progress to date has been very swift and encouraging, indication is all four measures may be approved.

Licensing Act—Uniform Licensing Act is part of the Governor's Government Reorganization Program of Reforms. This bill has been introduced in the

Senate to mixed reactions. No enthusiastic support and some heavy opposition. First hearing—February 18.

UTAH—

Passed: **Senate Bill 7:** Contractors Indemnity Bill (AIA Subcommittee finds on study it has no effect on architectural practice). **Senate Bill 72:** Permits publication of bid notice once at least five days prior to opening of bids by local government units. **Senate Bill 94:** To require future State Buildings to contain fall-out shelters where practicable. (Subcommittee [AIA] feels bill is poorly drawn). **Senate Bill 120:** This is the architectural barriers bill—highly desirable, but again improperly drawn. Two Senate bills on codes . . . one would extend building code to public as well as private buildings and another would extend the fire prevention code to public and private schools, college and university buildings. **House Bill 66:** Passed the House, a bill making grammatical changes in the municipal statute defining the lowest responsible bidder. **House Bill 127:** Would define and license landscape architecture. Proposal presently inactive in the House. Bill will be reviewed by the Architectural Licensing Board on about February 13—it is believed that the definition sought by landscape architects is unnecessarily broad, that it may prohibit some functions now performed by architects. Bill would add two landscape architects to Architects' Examining Board with newly constituted Board given authority to license both architects and landscape architects. Probably no action until bill is amended.

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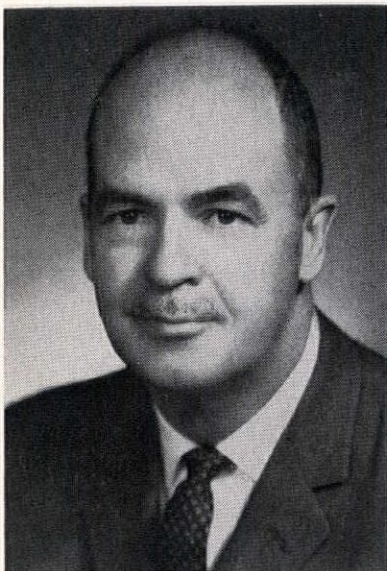
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In case you've been too busy to read the fine print lately—it is well, we believe, to examine together the newest force in the architecture/engineering/construction community—Design by Decision! Based upon the precedent of the odious Philadelphia Door Case, the United States Court of Appeals for the 8th Circuit has handed down another highly prejudicial rendering by ruling that Pipe Fitters Local Union No. 539 of Minneapolis had the right to strike if certain piping not be removed from a prefabricated boiler and reattached by the Union during its installation in the Tonka Toy Company's new building. The package boiler had been specified by the architect and the contractor had complied with his specifications by ordering the designated unit. Further ignored was the plea of the Boiler Manufacturers that by affirming the Union position they would—"discourage the use of cheaper and better products and retard growth and development of new products and techniques."

May we assume then that carpenters, pipe fitters et al will now take over the design and specification of our nation's buildings? Will they further assume management and ordering of construction heretofore the province of the general contractor? Or perhaps owners should retain the services of an ignorant judiciary.

Since 1932, America's private enterprise has been under inexorable pressure. Our backs are now to the wall when our crying need is for innovation, for progress and production. Construction is faced with the imperative mandate to rebuild our cities. Having disposed of all common sense in their demands for higher and higher wages and fringe benefits, Union Labor has now pre-empted the professionals, and can speedily administer the "coup de grace." Insatiably, they have chopped off the hands that fed them. After three plus decades, they have now, employing the judicial guillotine, chopped off the head!

O Reason! O ill-starred!
Our single talent! We have buried you in a mole's house
chuckling
That the mole was blind.

Edna St. Vincent Millay—"Conversation at Midnight"



the difference the design team

meshing creativity—architect, interior designer and landscape architect create an exciting environment around an old cottonwood tree

The lake shore home of Dr. and Mrs. Robert V. Parke in Fort Collins, Colorado is offered here as eloquent evidence of collaborative creativity. The "I" of architect, interior designer and landscape architect has become the "WE" of the design team working intimately with one another and with a discerning client. Architect for the Parke residence is Hobart D. Wagener of Boulder, Colorado who has a national reputation for design which blends strong simplicity with a sensitivity for natural materials and human needs. Ron Raetzman and his associate, June Bennett, were commissioned to provide a subtle understatement in the interiors. Mr. Raetzman is a special design consultant for Castle/West of Denver. Chris G. Moritz as the landscape architect was particularly challenged as the client, Dr. Parke, is a Professor of Botany and Plant Sciences at Colorado State University. Architect Wagener in setting down the criteria writes: "Our solution to this program was directed strongly by the Parkes' requirements and by their site. Dr. and Mrs. Parke and their four children have many varied interests and hobbies. Not only does the family enjoy various activities together, but the children now are old enough to entertain their friends in a never-ending parade in and out of the house. The site location on a lake has a mountain

view to the west across the water which is magnificent. Two very large trees dominate the property; the location of one tree centered on the site seemed 'just right' around which to build the house. We found the space requirements were divided into four areas which could be identified as 'good to be somewhat separated from each other.' These areas included:

- "1.) Living room, library, master bedroom—quiet places
- "2.) Children's room for activities, sleeping, etc.—not so quiet
- "3.) Kitchen, dining, laundry
- "4.) Garage, workshop etc.

"Our concept was to design the four functional groupings into four 'little houses' arranged in a cluster around an entrance courtyard. The large tree is the focal point in the courtyard and creates an 'umbrella' over this area. One enters through an iron gate into the courtyard, proceeds across the courtyard to the entrance between the living unit and dining unit.

"In the living room unit our goal was to create a variety of spaces—'cozy', low-headroom nook by the fireplace; high, sloping ceiling areas in parts of living room and library; a tall, vertical 'shaft' lined with bookshelves above which one can look down from a 'bridge' above.

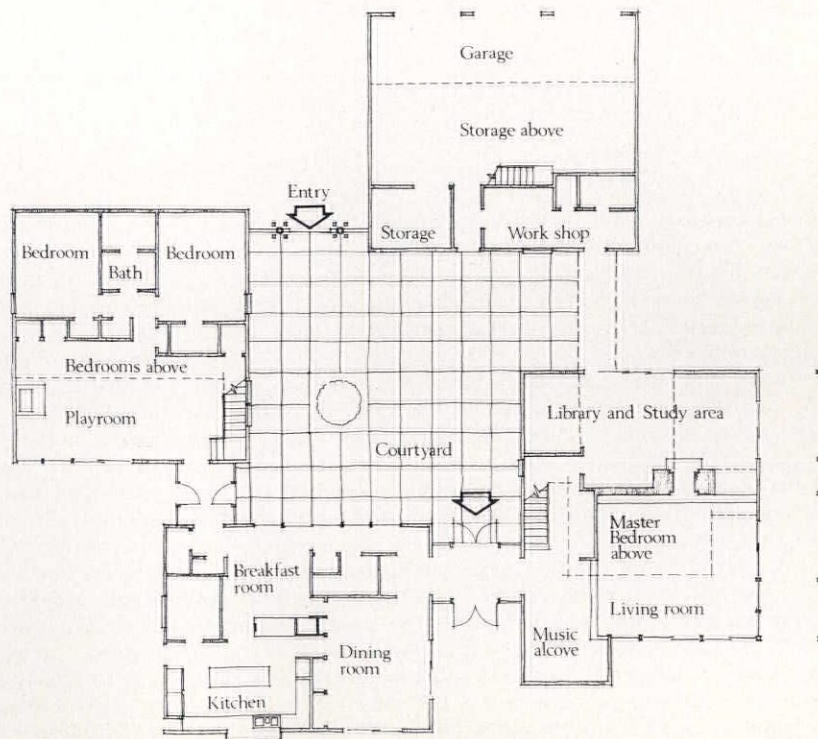


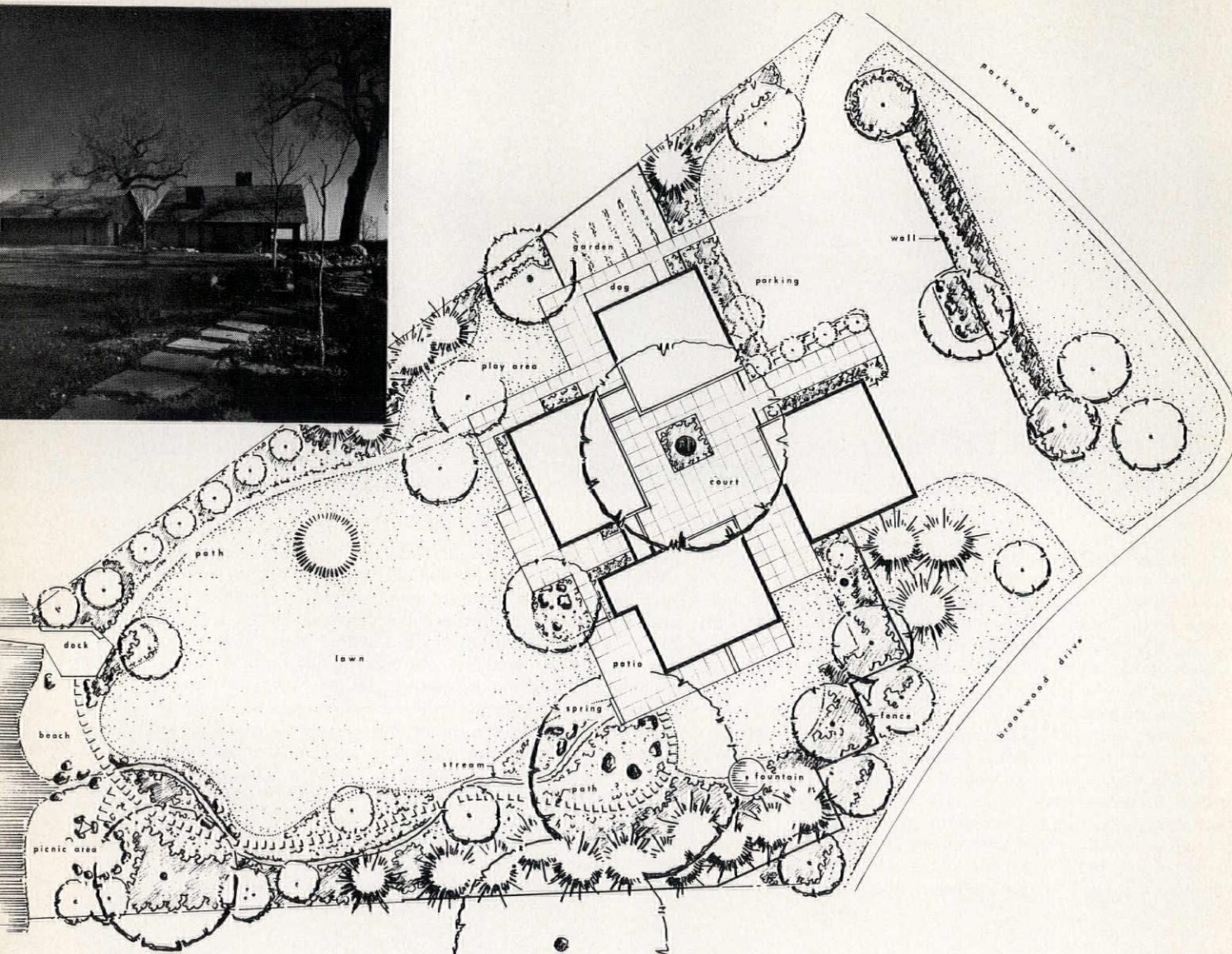
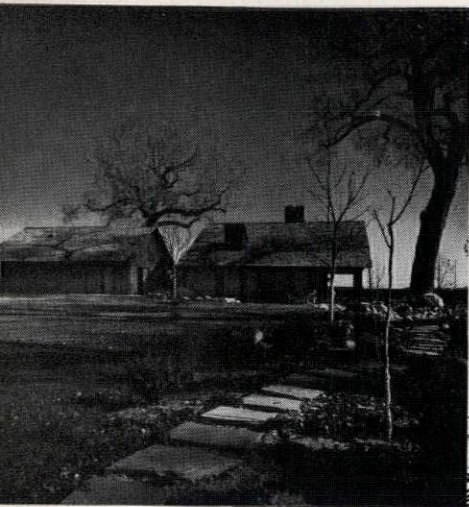
This bridge and stairway provide access to the master bedroom and bath on the balcony above. Covered terraces extend across two sides of this unit. Four bedrooms in the children's wing—two on the main floor and two on the balcony—open onto their activities room. A second entrance from the courtyard connects the children's unit to the dining-kitchen areas.

"Each of the four units is a rectangle topped with a simple gable roof; all roof planes slope in parallel directions. Various sized dormers project from the roof to focus upon particular views; several look up into the courtyard tree, another frames a view of the lake and mountains and another overlooks the distant plains to the east."

Recognized by his colleagues as the creator of the fundamental design philosophy, Mr. Wagener organized and coordinated the work of the environmental team. Comment-

ing upon this approach, Interior Designer Raetzman writes: "In the developmental stages of the project; architect, interior designer and landscape architect concentrated on the comprehensive planning of the entirety, rather than with isolated ideas within their own areas. The team endeavored to build into the environment a kind of understanding which would allow the clients to find security in the change to their new surroundings. And the client extended to the team the necessary freedom for creativity. It was the collective goal of the individual professions to find guidelines of restraint in order to maintain a total concept. The physical attributes of the Parkes' home express in great measure the spiritual qualities of the family . . . achieved, I believe, through a maximum participation and cooperation of client and design team. "The interiors reflect a pure, clean approach with stainless





steel, glass and wood furniture. All white walls and carpeting throughout the house provide a subtle and unobtrusive foil for the unusual accessories accumulated by the Parkes in their travels throughout the world, and the whole is enriched by the organic, natural textures of the structure itself."

Corbusier has been quoted as saying that design should proceed from "within to without; the exterior is the result of an interior." How well this criteria has been answered by landscape architect Chris Moritz is shown in his plan for the site, and his sensitive concern for the setting. He also expresses the teamwork implemented in siting and planning . . . "The house was carefully located around one of the two large cottonwoods—part of an extended row—to disturb the tree as little as possible and yet so the tree dominated the court. The floor elevation of the house was established so a minimum change of existing grade around the tree was necessary. Filling was done with pitrun gravel and the flagstone court paving was laid on a sand bed to allow air and water access to

the tree roots.

"The house itself was oriented to the view with planting placed to frame the outlook and to add interest in the foreground. The owner's interest as a botanist is reflected in the large variety of plant material used, yet the large cottonwoods and many pines act as a unifying factor in the planting scheme. Sufficient parking and maneuvering room had to be provided in front of the house, but extensive paving was camouflaged from the street with careful grading and a retaining wall.

"Like the floor plan of the house, the site is separated into definite use areas. Around the living room unit dedicated to adult use, privacy is provided with much visual interest and foreground detail as well as the distant view. Water which is recirculated from the lake is employed in a fountain, an artificial spring and a stream. The use of washed gravel to rocks weighing as much as two tons add to the interest of this area, and a winding, stepping stone path leads leisurely to the lake shore. Planting near the children's wing is kept simple . . . and a gravel path

provides access to boat dock and lake shore.

"The distant view is emphasized from dining room and kitchen windows, and the lawn expanse in the foreground is carefully contoured to compliment the swinging outline of the lawn. The landscape contractor's interest in the project has contributed greatly toward successful implementation of the plan, and the owner's interest in plant material, and his knowledge and understanding of necessary maintenance will certainly guarantee that planting will develop to its optimum potential."

There is nothing, of course, truly innovative in the "design team" concept—the Parke residence simply demonstrates the cooperative creative effort which has been signally successful for both professionals and client. As Hobart Wagener, the architect, expresses it so well . . . "The close association of interior designer and landscape architect with the architect was the key to the total design. The integration of materials, colors, textures, patterns and forms in their many relationships—both obvious and subtle—was greatly enhanced through the cooperation of the related professional design abilities."





Reviewing the program—"Construction + Five" Region 10 Conference Construction Specifications Institute

On Your Mark . . . Get Set . . . Get Set

by: R. James Noone, CSI/Architect

Henningson, Durham and Richardson, Denver, Colorado

Candid: Harry Hickey

If you are hungry, eat!
If you are thirsty, drink!
If you are tired, sleep!

Once upon a time problems were simple . . . and the solutions provided were equally simple. It should have been a delightful era, if appreciated at the time. But these several simple problems seemed to merge into fewer, but more complicated, larger problems. These composites fused again . . . this time into gigantic globs which today are frightening in scope.

In the Construction Industry, we have seen the greater generic problems develop and grow at a pace for outstripping our modest attempts to solve them. We can't even retard them anymore. We know about the individual headaches involved in labor practices, with limited production and increased costs for same; in expanded liability exposure supported by judicial edicts; by inertia on the part of the professional segments of the industry; and, by the fragmentation of the industry.

On January 24th at the CSI Conference in Colorado Springs, we caught a glimpse of a solution available to the Industry. Some organizations are quite serious about implementing a solution to our problems.

In the morning keynote address by Mr. Roy A. Grancher, Director, Market Research and Planning, Martin Marietta Corporation, we heard and saw illustrations of current efforts which achieve success in grappling with the many tenacled dragon. The Martin Marietta Corporation has established a **total** system for financing, designing, fabricating, erecting and merchandising construction projects. In a well-documented preface, the engaging Mr. G. challenged the old fragmented construction industry to provide something equally successful in designing and constructing projects under prevalent restrictions. The newer techniques of prefabrication, modular design and field erection were integrated into the Martin Marietta system to provide the harmonious "package-deal" which does not have the ominous connotation we had come to expect. It's not theoretical. It's not remotely possible. It's here . . . because it works!

Several large industrial organizations have already assembled the talent required to synthesize solutions to the complex and vexing problems of aerospace technology. They see the similarity in the vexing problems of the present construction contract procedures and realize they are able and ready to address their efforts to this specific problem. The old Industry is being challenged by a new, dedicated, capable Industry. As pointed out in Mr. Grancher's address, corporate organizations already pursuing this problem include:

U.S. Gypsum Co.	Smith, Kline & French
Armstrong Cork Co.	Jones and Laughlin
General Electric	American Hawaii Steamship Co.
Westinghouse	Gulf Oil Co.

Goodyear Tire	Union Carbide
Humble Oil Co.	Monsanto
Kaiser Industries	Allied Chemical
Hallmark Cards	Alcoa

Enough, Sports Fans? How's that for a varsity lineup! Each firm's research apparently concluded not that mass produced construction is remotely possible, but that it is **highly probable**. They are betting millions of dollars of invested capital on their judgment. It appears to have the strength of "an idea whose time has come."

In the afternoon session of the conference, we engaged in a discussion with an extremely capable panel of local participants. Is there a need for this systems-approach in our Western Regional construction effort? Mr. Howard Landers, Head, Department of Planning and Research, Metro Denver Fair Housing, Inc., overwhelmed us with statistics that cry for **any** reasonable solution to the metropolitan housing crisis. Slum clearance, land planning, urban transportation, social and racial issues involved, **and** financing, **and** taxes, **and** property values, **and** construction costs, **and** available employment, are all concerns of the perceptive and articulate Mr. Landers. (How can a guy so young, be so smart?) In the brief existence of Metro Denver Fair Housing, Inc., its tangible accomplishments are still modest. But, when reflected against the impediments encountered, they are extremely heroic and surprisingly successful. Some agency having the multi-disciplines available can research the issues and make the appropriate judgments. MDFH addresses itself to this "gigantic glob" with imagination, intelligence and integrity. One can reasonably predict even more successes from such an effort.

To keep the CSI audience from assuming that this system can be accomplished only through the effort of a governmental-type agency, we presented "Mr. Can-Do," Mr. T. W. (Andy) Anderson, President of the T. W. Anderson Co., Realty and Investments, Denver. This knowledgeable and competent entrepreneur revealed some details of his planned residential community in the Metropolitan Denver area.

Without benefit of governmental subsidy, nor the compromises of governmental control, Mr. A. has organized a systems approach to acquiring his land; planning the development; devising efficient design and fabrication techniques; simplifying on-site construction tasks; providing utilities, landscaping and recreational facilities; and, making financial arrangements that will be attractive to the individual consumer.

This systems-combine was assembled from local talent involving Architects, Engineers, Planners, a Manufacturing Plant, Material Manufacturers, Contractors, Appraisers and Financing Agencies. Dedicated as he is to private initiative and individual imagination, Mr. Anderson responded to an audience question with the statement that,



Salaam!
Oh, Effendi



Hmmmmmm!



You don't say.



"Harry" and Friend

as an entrepreneur, he **wants** the benefit of ideas and ideals from his montage of experts. This, he feels, is the source of his progress. His systems-combine does not inhibit the individual contribution . . . but directs the effort toward the ultimate goal.

Some of the innovations included in Mr. Anderson's imaginative and progressive scheme involve the advantages of prefabrication and assembly common to earlier work in the auto and trailer manufacturing industry. Add to this his interesting solutions to the obvious problems with building codes, union jurisdictions, inspections and the design variations available within a modular framework. His anticipated selling costs are modest enough to attract a sizable clientele, and assure an attractive financial return to the developer. All of this accomplished through the private sector of our economy . . . because the **System** works! Today, only the scope of the operation is the variable. Kudos to "Mr. Has-Done."

Knowing that we might be misled into thinking that the system has application only to multiple-housing projects, we sought a fundamental analysis of the work required of one type of team-member. What is the possible scope of a designer's influence in the many types of problems that all cry for solution? Can we apply the same systems-approach to school, office and hospital design and construction?

A forceful and persuasive description of the Architect's role in this future system arrangement was presented by Mr. Edward DeVilbiss, Principal in the firm of Gathers, DeVilbiss, Architects, Denver. The eloquent Mr. D. (referred to as that "devilishly handsome, cleft-chin, typical Architect, walking into the sunset with Kim Novak"), expressed his conviction that there is a necessary role in the systems approach for the architect who is trained to meet the challenge.

While arguing that the identity of the individual firm is important to maintain, Mr. D. coupled it with the obligation of this independent firm to keep current with the problems. The solutions to the several problems lie in a more efficient and intelligent use of automated equipment involving data-retrieval, statistical analysis, research, time and motion studies and manufacturing limitations. The degree of expertise achieved in these (and more) fields will determine the value which will be placed upon the individual firm by the developer seeking the architectural

contribution to his "System."

Mr. Anderson had made an earlier comment to the effect that the Architect **should be** the person who manages the system-combine, since the Architect is the only team member who has the skill, training and inclination to do the job and accomplish the goal. Mr. DeVilbiss continued this theme by criticizing the old time methods still being used in the Architectural profession. By utilizing existing advances and by helping to develop more efficiencies in the total analysis-design-construction effort, the Architect can and must progress with the inevitable system. There is a role for the individual Architect in this newer, more complex system . . . if he prepares himself for it.

You know, if the old solutions still worked, one could solve these newer puzzles with them. However, history illustrates for us how puny the older solutions are when facing the newer problems. Indeed, we find that newer solutions even create new complexities which in turn require even more comprehensive solutions. We have seen manifestations of this expressed in international politics, restrictive legislation, attractive prohibitions, miracle drugs, organ transplants, and on, and on. It's even "normal" in the wake of "progress." The present Construction Industry composition then, is in for a change. It's inevitable. Recognizing the inefficiencies and stupidities involved, it's even desirable. Those of us involved in today's charade must occupy a changed role in the new organizational structure.

We were exposed to some intriguing ideas and predictions by our conference speakers. What will the new role be? I give you the final statement contained in Mr. Grancher's address:

"When Alice was lost in Wonderland and she came upon those many roads leading in all directions, she asked the Cheshire Cat up in the tree which road to take. The answer she received applies to us all, as an industry, a company, and particularly individually:

"That depends a great deal
on
where
you
want
to
go.' "

GO

Reviewing "Women + Five"

All systems were "go" when women attending the Colorado Springs Region 10 Conclave of the Construction Specifications Institute discussed the challenging prospects of "Women+Five."

Following a champagne brunch, over forty ladies sat down to talk about their own tomorrows with three well-informed panelists—Elizabeth Ingraham, Laura Cronenwett and Elizabeth

Women's Program

Region 10 Conference

Priest. There was no shortage of Elizabeths, since the Moderator was Elizabeth Trunk.

A dynamic speaker, Mrs. Ingraham charged her listeners to become more

intimately involved in those problems directly bearing upon human needs. Pollution of not only air and water but upon foods contaminated by pesticides, fungicides, radiation, etc., present an alarming threat to human life and genetics. Conservation, stated Mrs. Ingraham, should be the vital concern of not just women, but all humanity. Her feeling is that women can add immeasurably through involvement in education. Leadership is not to be shirked—only through assuming responsibility can women make a meaningful contribution to the instruction of their children. The P.T.A. need not be a "Pink Tea" association, but rather bring together both parents and teachers in consort to better children's opportunities in the learning experience. In Mrs. Ingraham's own school, she assumed the P.T.A. presidency, and through her enthusiastic efforts, supported by the teaching staff and other parents, enrolled an auxiliary group of over one hundred concerned adults in broadening education and providing teachers with much needed assistance, freeing them for the teaching job.

Mrs. Ingraham is the wife of Colorado Springs architect, Gordon Ingraham, an architect herself, and the daughter of Frank Lloyd Wright. She is an accomplished linguist and the mother

of four children.

Laura Cronenwett of Denver is married to Joal Cronenwett, architect, and herself holds a Bachelor of Architecture from the University of Michigan, and a Master of Arts in Architecture from the University of California. Mrs. C. has been a member of the Urban Environment Subcommittee of the Denver Planning Board for three years, and is most concerned with the work women can do in bettering human environment. She urged women to work at all community levels, to become fully acquainted with urban problems and solutions. The League for Women Voters, Mrs. Cronenwett believes, can serve as a spring board for women who wish to express a commitment for a more viable environment.

The importance of the role of the League was further emphasized by Panelist Elizabeth Priest. Her quiet humor and thoughtful exploration of the topic, "The Woman in Community Service," suggested many opportunities for women to make a substantial contribution to a better society. Very often, Mrs. Priest suggested, the very old and very young most need friendship. Women's essential qualities are most often profitably employed in those areas where sympathy and understanding are needed . . . in

hospitals, nursing homes and day nurseries. Women, too, can contribute much to "grassroots" partisan politics, preparing them for the larger role of political office. Mrs. Priest, named Jefferson County Woman of the Year in 1967, is the wife of Judge George Priest (First Judicial District of Colorado), and the mother of three children.

"The Woman as a Wife" was briefly discussed by Elizabeth Trunk (Editor/Symposia), who reminded CSI Wives that women as wives are more important than ever to husbands who are climbing the ladder to success. If not actually interviewed by employers, they are constantly under surveillance by "the boss," and a wife's willingness to accept transfer and promotion is increasingly important. You are, she said, a walking and talking advertisement for your husband's success as a provider, businessman or professional.

The lively discussion which followed probed even deeper into the manners and morals of our time, and of the future. The general feeling as women left some thirty minutes later than the originally scheduled adjournment, was for "let's do something about it—and let's do it now." We can safely assume that nobody missed the fashion show.

And Go! Go!

We can do no better, we feel, in completing our Region 10 Conference Report than to "lift" the deathless prose of O. James Barr, the redoubtable Editor of Denver's great CSI newsletter, "Scope."

"Tony Murray and his committee deserve a hand of applause for the fine Region 10 Conference held in Colorado Springs. It was interesting, well planned and smoothly executed. Facilities at the beautiful new Antlers were excellent.

"SCOPE, on behalf of all Region 10 CSI members, expresses its appreciation of Kelsey Saint's attendance. As our National President, his presence added prestige and significance to all the hard work done in preparation for the conference, and added interest for the members in attendance. His man by man welcome (excuse the phrase, Dorothy Albers and Atha Lavalett), of each charter member of the new Colorado Springs CSI Chapter was thoughtful and impressive.

"Walter Scott, Region 10 Director, led the Regional business meeting which featured reports from Bob Schmidt (Albuquerque); Cecil Holland (Salt Lake City); Oluf Nielsen (Denver) and George Petty (Western Section Director).

"A touch of sadness tinged Bob Schmidt's talk. His opening move was to present Symposia with a new photo of himself, replacing the one we have all grown to love, showing Bob about to swallow a microphone.

"Attendance was at an all-time high. In fact, it just about doubled the previous record. This was obvious at the program meetings. Jim Noone did his usual superb job of moderating the afternoon panel discussions, guiding them smoothly past the obstacles of side issues which threat-

ened occasionally to derail the train of thought. He was helped immensely by unusually good panelists, each of whom had something worthwhile to say.

"Highlight of the Friday night banquet was the presentation of the Colorado Springs Charter by President Saint. It was accepted by Terry Strong, the first president of the new Pikes Peak Chapter. An unexpected pleasure was the appearance of two-time past National President, Henry Baume, FCSI. Henry (or was it Harry) introduced Kelsey Saint, FCSI, and was himself introduced, we believe, by Walter Scott, who was introduced by George Petty, who was introduced by Oluf Nielsen. Probably.

"Each Conference seems to get bigger and better. The next one will be in Salt Lake City, and if the trend continues, it will be well worth the efforts of Albuquerque, Colorado Springs and Denver to send large delegations." (NOTE: For those who couldn't come . . . inquire about Salt Lake . . . a cheery place where everything's in the bag.)



That's all!

grassroots/1969

by: Sidney W. Little, FAIA
Director of the Western Mountain Region
American Institute of Architects

The fourth annual tri-part Grassroots Conferences have adjourned. The Chapter Presidents have returned to their home bases to spread the wealth of information they must have gained.

It seems to me that each year it becomes more a consensus that this is the best money the Institute invests. Many who attend feel that Grassroots is much more valuable to the individual than is either the National Convention or the Regional Conferences. We probably should not be willing to go quite that far, since each of those two major meetings have their own specific purposes which are quite distinct from the intentions of Grassroots. Nonetheless, it is certainly true that the rate and quantity of firsthand accurate communication is highest at Grassroots than at any other type of architectural gathering.

For those few of you readers who are still unfamiliar with the organization of Grassroots, perhaps a word to this would help.

Each year the Institute presents three separate, but reasonably sequential programs in three sections of the country and involving those geographic regions. To attend these meetings the in-coming presidents of each chapter and state society are invited, with their basic expenses paid by the Institute. The natural result is nearly a 100% attendance, and, as a consequence, the work of Institute activity gets very wide distribution. Executive secretaries are invited at the expense of their chapters.

In the western section which meets in San Francisco, the three western Regions meet as a unit. This year there were over 85 attendees which was nearly 100% of the chapter presidents of the Northwest, California and Western Mountain Regions. Since it is so intimate and informal, it is no small wonder that those present seem to gain much more from that series of meetings than could ever be possible at a Regional or National Convention. There is not only great opportunity for open discussions of both general and controversial matters, but such discussions are on a strictly informal basis and, furthermore, are conducted face to face with the top brass of the Institute. For example, at this past meeting, President George Kassabaum opened the sessions with a straightforward and frank statement of Institute problems and projects. It is certain that this appearance and heart-to-heart talk by the President is probably one of the most valuable things he does for the membership—far better than a letter from the Octagon or an article in the Journal.

Following the President's introduction, the format of Grassroots has been fairly consistent since its start four years ago. Each of the four Commissioners, who are Directors in charge of specific areas of work, makes a presentation on the various projects assigned to his Commission. After the Commissioner's presentation, there are open discussion sessions where questions from the floor

receive specific attention.

This year there were several major areas to consider. The first of these dealt with the critical problem of liability insurance, and for this the Institute had Herman Light, Chairman of the Insurance Committee tell the group exactly what this problem presently involves. There would be no question that the insurance situation is one of the most knotty problems facing the practitioner, but everyone seemed to agree that it was in good hands and that progressive work was being done to effect a suitable solution as promptly as possible for both the Casualty Company and the A.I.A. membership. While no one likes the drastic increase in premiums, the reasons for it seemed logical even if painful. In his closing statement, Mr. Light reminded the chapter presidents that in those cases where claims were filed, there was found carelessness and liability causes which could be traced to slovenly office practice methods. No immediate solution is apparent, but at least the situation is now thoroughly documented, and all concerned know the extent of the problem. Running a close second in interest and importance was the session on Public Relations. In the past, the Institute has blown alternately hot and cold on P.R. and poured variable amounts at sporadic intervals. Since Director Phil Meathe took over the P.R. problems for the Institute, that activity has at long last become stabilized and now, under the leadership of J. Bailey Ryan, is developing into the type of program this profession has long been needing. For example, the three new modular films which were shown for the first time at the 1969 Grassroots are clear evidence that the Institute means business in its campaign for urban solutions. For those chapters which have not shown these films, it is strongly recommended that they be borrowed or purchased for a chapter meeting. One of them, "The Noisy Landscape," is ideal for an architect to show to his service club or his Trade Bureau or Chamber of Commerce.

Bailey Ryan's committee has also produced a series of film clips which were distributed to every TV station in the country as one minute public service features. These are all excellent, and if not yet shown on your local station, check to find out why not.

The new P.R. chapter kit was unveiled, and each chapter president received a copy. The new one is a vast improvement over the one of several years back. In it are guides, skeletonized speeches and a wealth of valuable material for local use.

There was much more to Grassroots 1969, but these two features may give enough of the general tenor of the meeting. Grassroots is not an inexpensive meeting; but, paying the cost does provide a full attendance which is of vital value to the program. Costly as it may be to the Institute, there can be little doubt that Grassroots is one of the best expenditures the Institute makes every year.

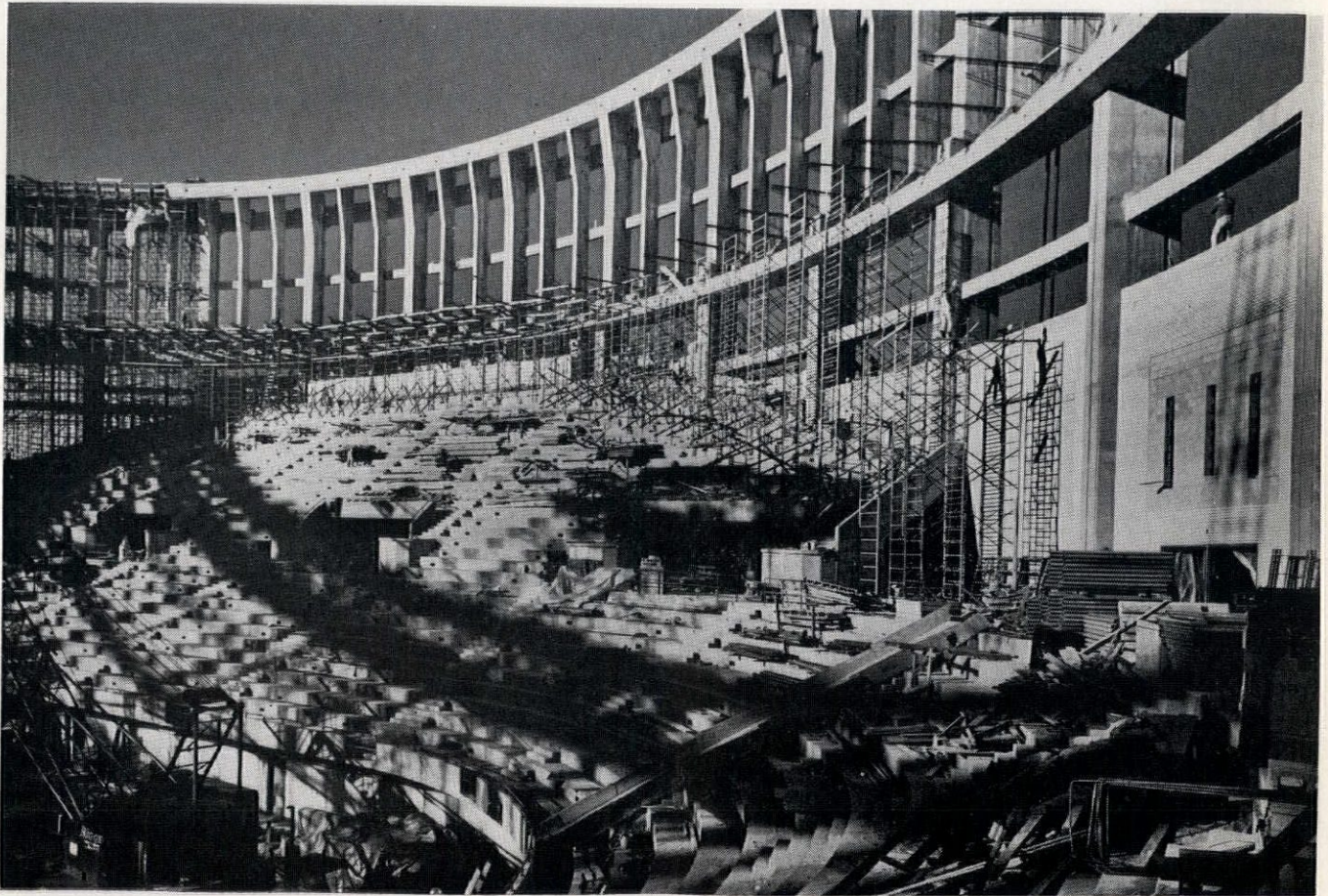
"SALT PALACE" BOASTS DRAMATIC ROOF STRUCTURE

We are pleased indeed to bring Symposia readers a most interesting Engineering Design Study on the new \$12 million Salt Lake County Civic Auditorium. Prepared by the Consulting Structural Engineers for the project, H. C. Hughes, Page and Associates of Salt Lake City, the roof structure is particularly exciting. A member of the Consulting Engineers Council/Utah, the Hughes-Page firm has been in practice since 1947, and they have designed approximately 1300 major structures since that time—their work includes the Kennecott Building, the University of Utah Medical Center at McKay Hospital and the University's Physical Education Complex, the Salt Lake City Federal Office Building and the I.R.S. Building in Ogden. This article was written for Symposia by Mr. Hoffman C. Hughes, President of the consulting firm, and the construction pictures were taken by Gorden Peery.

The twelve million dollar Salt Lake County Civic Auditorium, known informally as the "Salt Palace," is now rapidly nearing completion after nearly two years of construction. There were, of course, many major engineering problems to be solved in this large project, but, by far, the most dramatic phase of construction was the place-

ment of the "cable suspended" roof system over the 360 feet diameter Sports Arena—this phase now in progress. (January 27, 1969)

This roof system is comprised of a double exterior compression ring supported on the exterior circular walls and a double steel tension ring, 45 feet in diameter, at the





SALT LAKE COUNTY CIVIC AUDITORIUM

architect: Bonneville Architects, Salt Lake City
 Bruce R. McDermott, Architect in charge
 George Nicholatus, Project Manager

general contractor: McGee-Brown Construction Company
 completion date: July, 1969

structural engineers:
 H. C. Hughes, Page and Associates
 Salt Lake City, Utah

center of the arena. These rings are connected together by high strength steel cables to form what appears to be a giant bicycle wheel. The upper cables, which carry the major roof loads, are 2 3/8 in. diameter bridge strands and the lower cables are 1 1/2 in. diameter strands. These cables have a minimum tensile strength of 225,000 pounds per square inch. The upper and lower cables are connected together by one-half in. steel cables to eliminate "flutter" of the roof system due to wind forces. The upper concrete compression ring, to which the 2 3/8 in. cable is tied, is 3 ft. 8 in. high and 7 feet wide and is continuous as is the lower compression ring which is 3 ft. 0 in. high and 5 feet wide. The interior steel tension ring, when assembled, weighs 110 tons and rests approximately 95 feet above the arena floor.

A steel metal deck will be secured to the upper cables to form a platform on which the final roof is placed. This double cable roof system is unique in that the natural tendency of a cable roof system, such as this one, is to flutter and move due to wind forces. Most single cable systems must rely on heavy concrete roof loads to hold the cables down, whereas the system employed on the Salt Palace eliminates this by employing a secondary, lower cable system tied to the upper cable, thus "dampening" the vibrations due to the wind. This results in a very stable and much lighter roof system at considerable savings to the project.

The double cable system is a development of Zetlin, Desimone, Chaplin & Associates, Consulting Engineers of New York City and was recently used with great success on the New York Pavilion of the 1964 New York World's Fair.



A PERFECT THIRTY-SIX

Annual Convention/1969 Colorado Contractors Association

1969 CCA PRESIDENT



Harry P. Thomasson

EDUCATION — LABOR — LEGISLATION. These three vital topics were underscored as members of the Colorado Contractors Association met in Denver on January 24-25 for their 36th Annual Convention. The C.C.A. is the heavy-highway and utility branch of the Associated General Contractors of America.

The Educational Committee which is under the direction of Harold V. Anderson conducted two important seminars on Friday, January 24th. In the morning, office managers met to discuss employee relations, cost accounting, computers and minority employment as well as other related topics. In the afternoon, Contractor Superintendents assembled for an exchange of ideas on public relations, equal employment opportunities, communications and a delineation of the Superintendent's role in labor-management relations.

Legislative matters were discussed at the Friday morning business session with Robert J. De La Castro, Legislative Committee Chairman, reviewing the important bills of interest to the Industry introduced in the Colorado State Legislature in 1969.

A special Labor Seminar was held on Saturday morning with H. C. Stillman, Labor Relations Committee Chairman, acting as the Moderator. The discussion was given over to an analysis of forthcoming negotiations with basic crafts, their expected demands and CCA policy in these matters.

Important speakers at this year's Contractor's Annual included L. P. Galvin, Senior Vice-President-elect of the Associated General Contractors of America who addressed Contractor members on Friday afternoon. Mr. Galvin is a Highway and Heavy Contractor from Amarillo, Texas, a member of the AGC Executive Committee and Board of Directors and in 1966, served as Chairman of the AGC's Highway Division. He has also been Co-Chairman of the AASHO-AGC Joint Cooperative Committee and Chairman of the Task Unit for State Highway Specifications.

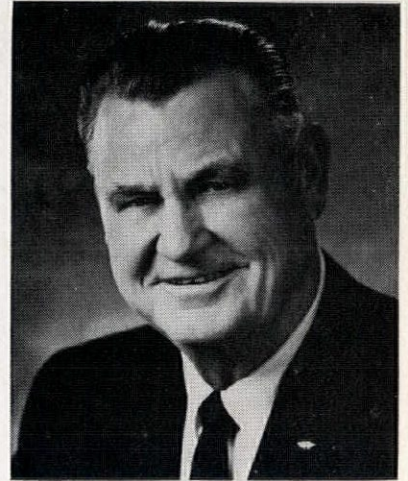
The Washington Report was delivered by Mr. Travis Brown, Counsel for the AGC nationally. Mr. Brown is a graduate of the North Carolina Law School where he was Phi Beta Kappa, Order of the Coif and Editor of the Law Review. Prior to joining the AGC Legal staff, he was with the Federal Government with the Federal Trade Commission and the Internal Revenue Service.

The Intra-Industry Luncheon held at noon on Friday the 24th paid tribute to education with Dr. Wilbur Schaeffer, noted nuclear physicist, as the speaker. The Annual Banquet was addressed by Y. A. Tittle, former New York Giant and San Francisco 49'er Quarterback. Mr. Tittle is presently associated with the firm of Tittle, Iverson, Purcell, Jones and Scurry, Insurance Brokers.

And there were Awards—and Awards—and Awards.

The 1968 "Contractor of the Year" selected by members of the Colorado Contractors Association was Hoyle Lowdermilk, President of H-E Lowdermilk Company of Englewood, Colorado. Mr. Lowdermilk heads one of the major construction firms in our Region with an outstanding reputation for dealing with the Rocks in the Rocky Mountains. He began his contracting career in 1918 with the construction of the lower portion of Broadway . . . and in 1935, was awarded the prime contract for the "Devil's Elbow" up Turkey Creek Canyon. In 1967, the firm received the Colorado-Southern Wyoming Chapter APWA "Construction Project of the Year" award for the I-70 construction between Georgetown and Silver

CONTRACTOR OF THE YEAR



Hoyle A. Lowdermilk

Plume. (See: Symposia/September, 1967—"Getting to the Slopes") Colorado Constructors, Inc. and the A. S. Horner Construction Company, Inc., both of Denver, shared the honors as the Colorado-Southern Wyoming Chapter of the American Public Works Association awarded the 1968 "Project of the Year" citation. The joint-venture was honored for the Bureau of Reclamation's Blanco Tunnel San Juan-Chama Project in southwestern Colorado. The water diversion tunnel construction and lining is a part of the plus \$10.5 million contract awarded in May, 1965. A twenty-four foot long, 52½-ton mechanical mole was used in drilling the 10-foot diameter tunnel. Holed through on March 31, 1967, the 8.6 mile Blanco Tunnel was the scene of several record drills. During March, 1967, for instance, 6,713 feet of tunnel was drilled—in excess of 1¼ miles! Single-day records were set on February 16 (367 feet) and March 18 (275 feet).

Saturday morning at 7:30, CCA members assembled for the Annual Safety Breakfast. Chief incentive for that early hour was pretty Tia Tyler, the 1967 Miss Colorado—(watch it, fellas, your fangs are showing)!

Traveling Safety Trophy Awards were presented to three companies . . . Haco Contractors, Inc. of Lakewood in the 10-50 thousand man hour category; Vrooman Construction of Colorado Springs in the 50-100 thousand man hour section and Tower Con-

struction of Commerce City received the trophy in the plus 100 thousand man hour classification.

We are pleased to welcome to Industry leaders in the Region, the CCA President for 1969 elected at their 36th Annual. The gentleman so honored is Mr. Harry P. Thomasson, president of Thomasson Concrete, Commerce City. Born in Murfreesboro, Arkansas, he attended Oklahoma A & M and South East State Teachers College. His service during World War the Twice was with

the United States Navy. In 1946, he and his brother entered the contracting field where he has been ever since. Joining CCA in 1956, he has been an active supporter and enthusiastic leader since that time. Mr. T. enjoys hunting, fishing and skeet, and quite naturally collects antique guns. Blessedly endowed with a wonderful sense of humor, he has a host of friends both in and out of the contracting business.

He will be ably assisted by Chris C. Eastin (Colorado Constructors, Inc.)

as Vice President; Harold L. Cherry (Peter Kiewit Sons' Co.) Second Vice President; and Harold Stillman (Western Paving Construction Co.) as Secretary-Treasurer. 1969 Directors elected at the Director's Luncheon are: Richard D. Brown, Larry Corn, R. J. De La Castro, Immediate Past President James W. Lawrence, T. C. Ledgerwood, Harold H. Short, Robert L. Siegrist, Curtis Strong and Edwin W. Vandervort.

sir awards a.g.c. nevada

The Nevada Chapter of the Associated General Contractors has again honored three prominent Nevadans at their Annual Meeting held this year on February 1st at Sparks, Nevada. The S I R Awards (derived from AGC's pledge of Skill, Integrity and Responsibility) were presented in 1969 to Neil Plath, President of the Sierra Pacific Power Company; to Thomas A. Cooke, Reno attorney and to Robert Guinn, Manager of the Nevada Transport Association. S I R Certificates were awarded to C. V. Isbell, one of the founders of the A.G.C. and to the architectural firm of DeLongchamps and O'Brien of Reno.

In presenting the award to Mr. Plath, past president, E. W. McKenzie said, "This utility originated the industrial park concept in Nevada and devotes a great deal of time and money urging industry to locate in our state. Sierra Pacific Power Company is a principal supporter of the Western Industrial of Nevada (WIN), a team approach to industry development which includes 31 businesses and business men who share the cost of industry recruitment campaigns. In addition to promoting industrial development in Nevada, the firm has been in the forefront of the SKI Reno promotion. They have made an outstanding contribution to Nevada's Construction Industry during 1968." Reno attorney, Thomas A. Cooke received his S I R award from past president Rodney Boudwin for his work as chairman of the Virginia City Restoration Commission. Stated

Mr. Boudwin, "It is impossible for us to honor all of the people who contributed to the restoration of the Fourth Ward School in Virginia City, but in selecting Thomas A. Cooke, we are honoring an individual who has given many hours of his time during the last three years to coordinate the work on this historic structure. Attorney Cooke has served for many years as the attorney for the State Contractors Board. He is an outstanding Nevada citizen and I can think of no person more deserving of this award."

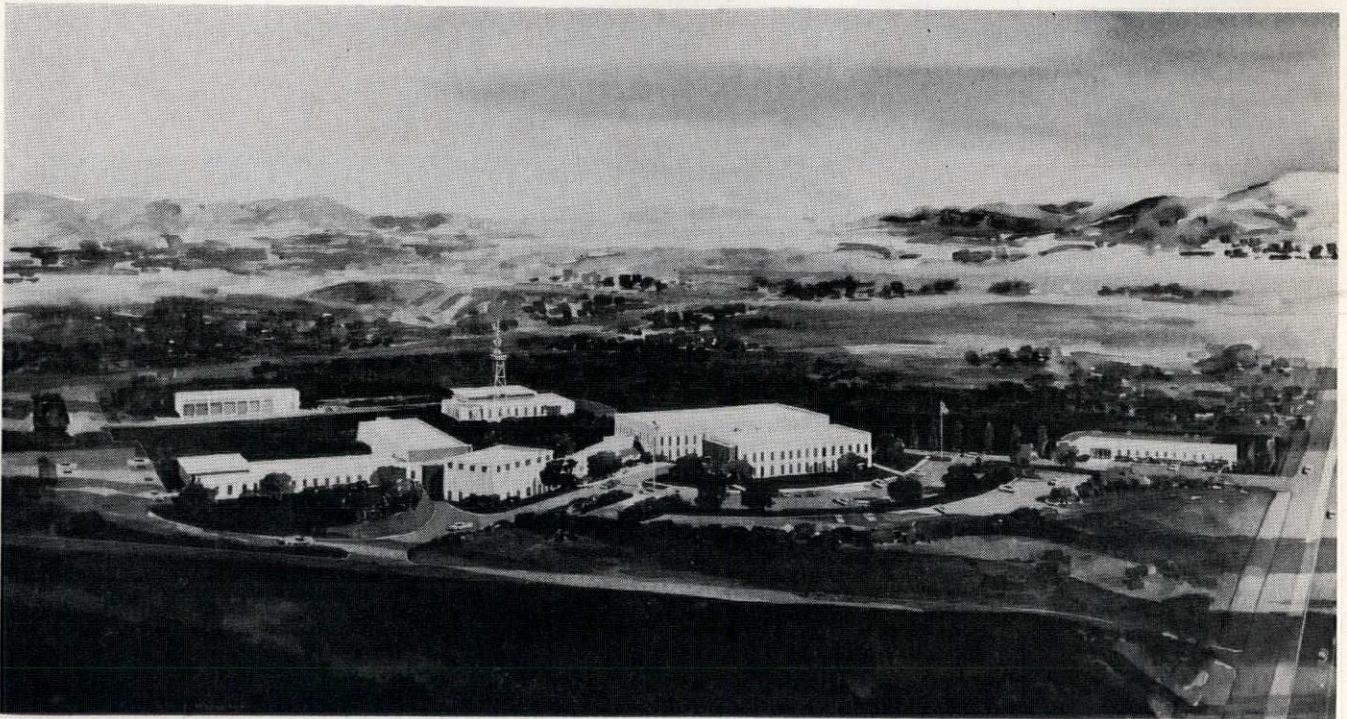
The final S I R Award was made to Robert Guinn, Manager of the Nevada Transport Association. In his citation, past president Howard Wells said, "The award is made to Mr. Guinn because of the promotion which the trucking association has given to Reno as a distribution 'hub' for the western United States. Bob Guinn would be qualified to receive this S I R Award on this basis alone. However, A.G.C. recognizes him for his many other accomplishments which he has achieved quietly and without fanfare. Although he represents the trucking industry as legislative counsel, his primary concern for all legislation is that it be in the public interest. The S I R Award

represents Skill, Integrity and Responsibility, and these words are an accurate description of Mr. Guinn's character."

C. V. Isbell presently hospitalized at Washoe Medical Center received the S I R Certificate for his contributions to Nevada Construction. One of the founders of the Associated General Contractors, Mr. Isbell headed one of the largest construction firms in the West and pioneered contract mining in the United States. Equally honored with a S I R Certificate was the firm of DeLongchamps and O'Brien, AIA architects of Reno. The architectural firm is responsible for the design of many of the buildings which form the heart of downtown Reno, for several buildings on the campus of the University of Nevada and for other outstanding public structures throughout the state, in San Francisco, Los Angeles and in Miami. We would add still another award to this list of achievements . . . a S I R citation to the Nevada Chapter of the Associated General Contractors who have demonstrated their interest and support of the larger arena of Construction, and through their recognition of the many segments of the community which contribute so much to the success of our Industry.



Left to right, holding gold S I R statuettes (adapted from the Rockwell painting "The Spirit of Construction"), are winners Neil Plath, Robert Guinn and Thomas A. Cooke. Awards were presented by Nevada AGC past presidents shown left to right in back row: E. W. McKenzie, Howard Wells and Rodney Boudwin.



LAW ENFORCEMENT COMPLEX . . . NEW MEXICO

REGISTER, ROSS AND BRUNET, A.I.A.
Santa Fe and Las Vegas, New Mexico

The construction of a new and innovative concept for State Law Enforcement Agencies is expected to begin shortly after the first of May this year. The \$2.5 million complex will house the Santa Fe District Headquarters of the State Police, the State Police Headquarters, a Training Academy for Law Enforcement Officers from all parts of the State, a State Communications Center and a Vehicle Maintenance Building.

The handsome precast concrete structures will be erected on an interesting, rolling site of thirty-five acres located south of Santa Fe. The grouping of all of these related facilities represents something of a first since such a complex has not been done in any other State.

The working drawings and specifications are currently being completed by Register, Ross and Brunet, Architects/Engineers who have offices in both Santa Fe and Las Vegas, New Mexico.

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REGION 8 FORUM/1969

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Chairman Jane Field



Chairman Agnes Person

TUCSON LOOKS FORWARD TO . . .

hostessing the National Association of Women in Construction's Region No. Eight Forum to be held at the Arizona Inn next month. NAWIC representatives of eleven chapters from West Texas, New Mexico, Colorado, Utah and Arizona and many of the national officers will be attending including NAWIC President, Flo Hawisher and Jacqueline Waite, Region Eight Director.

The Tucson Chapter has devoted ten months of concentrated planning for this Forum to insure a pleasant and interesting time for all attending. Many activities are being offered including a "Western Hospitality Hoe-down" on Friday night prior to the Saturday business session and tours to the Old Tucson Movie Location, Kitt Peak Observatory, Arizona Desert Museum, San Xavier Mission and a trip to Nogales, Mexico. Got your bags packed, WIC's? It's really great in Region Eight.

As April approaches, Tucson's red-jacketed Women in Construction are promising their colleagues "Everything's Great in Region 8"! Scheduled for April 25-26-27 at the Arizona Inn, the Annual Forum will bring together well over one hundred women actively engaged in the construction industry, and members of eleven WIC Chapters in Colorado, New Mexico, Utah, Panhandle Texas, and, of course, Arizona. Slated to bring the "good news" from the National organization is President Flo Hawisher, Bradenton, Florida, and other VIPs likely to be on hand are First V. P., Marie Marshall of Chattanooga, Tennessee; Third V. P., Bettye Burks of Lubbock, Texas (former Region 8 Director) Treasurer, Harriette Schmidt of Glendale, California and Past-President, Dorothy O'Conner of Los Angeles. Regional Directors who are planning to be present as the WICs gather in Tucson include Region No. 5, Dorothy Esham of Wichita, Kansas; Region No. 10, Chicki Funk of Chico, California, and Region 8's, Jackie Waite.

Jackie, (for more on this "live wire"

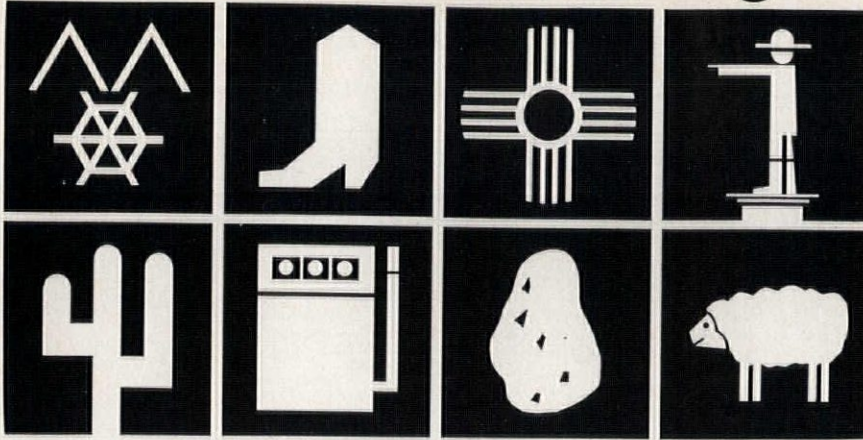
see Symposia/October, 1968) of Phoenix, Arizona, will conduct the business meeting to be held on Saturday, April 26th at which time, delegates will hear Regional Committee and Chapter reports, discuss problems and solutions and elect a new Regional Director for the term 1969-'70. Of particular interest to the hardworking Women in Construction are the "fun and games" being cannily planned by the Tucson Chapter. These events will include a "Western Hospitality Hoe Down" on Friday evening which boasts a buffet and some professional square dancers, a gala Saturday evening banquet with awards presentations and a WIC-In honoring the Regional Director following the banquet. Special Post-Convention Tours are being planned for Sunday, April 27th.

Site of the conference, the Arizona Inn is truly one of the Southwest's most famous hostelries, and includes naturally that most important feature of the desert landscape . . . the swimming pool. But, we can do no better than to let Joan Prock, President of the Tucson Chapter, speak for herself.

Joan Prock
President/Tucson Chapter



symposia/around the region



arizona

CSI/Spec Tips

Under the leadership of Gill Pierce of the Arizona Pipe Trades Industry, CSI/Phoenix has developed a new approach to an old problem. Rather than the generalized approach where all concerned do a lot of table pounding and then go back home to do the same old things over again, both Phoenix and Tucson CSI Chapters have held numerous meetings with architects, engineers, contractors, subcontractors and material suppliers. The aim has been to obtain agreement over specific disputed areas, and the tangible results have been the "Spec Tips" compiled by the Phoenix Chapter, the Pipe Trades Industry and the Consulting Mechanical Contractors. Comments Warren Edminster, President/Tucson Chapter, "This concept of round-table discussion resulting in published agreements can be a great tool to use in the development of better specifications. We owe both Gill Pierce of the Pipe Trades Industry, and Bob Diedrich, who set up our local (Tucson) meetings, a great deal of thanks for a job well done."

Welch Rejoins Firm

Friends are welcoming Wallace E. (Wally) Welch, AIA, back to Arizona, and to his old association with the firm of Weaver and Drover in Phoenix. A native of Prescott, Mr. W. received his Bachelor of Architecture at the University of Southern California in Los Angeles in 1956 where he has also worked toward his Masters degree in Finance. From 1959, through 1965, he worked with Weaver and Drover and was responsible for the drawing production and construction of three Phoenix high schools as well as hospitals and high rise, commercial structures. For the past three years, he has been the principal architect for the California

Institute of Technology in Pasadena where he was in charge of the \$35 million campus development program coordinating construction for the Institute by contract architects.

Mr. Welch, in his present capacity with Weaver and Drover, will be involved in programming, budgeting and scheduling construction projects utilizing systems building design and computer capabilities. Welcome back, Mr. W.!

A.I.L.A. Executive Director

F. J. MacDonald, Phoenix Landscape Architect and conscientious C.S.I. member was named Executive Director of the American Institute of Landscape Architects at their 13th Annual Convention in Seattle.

You will remember Mr. Mac's excellent article on the Coulter Cadillac Resale Lot in January's "Accentuate the Positive" feature. We should mention he is also the author of "Specifying Lawn Sprinklers" which appeared in "Specifier," the national CSI publication. He is the Consulting Landscape Architect to Charles Luckman Associates for the Phoenix Civic Center convention complex. The American Institute of Landscape Architects is embarking on an ambitious and enlarged program which will include Central and South America as well as expansion of its services to existing chapters in the United States and Canada. Our heartiest Symposia congratulations to Mr. MacDonald.

Boyd Joins E.T.L.

J. E. Warne, Jr., president of the Warne Associates Division of Engineering Testing Laboratories, Inc., Phoenix and Tucson has announced the addition of John P. (Phil) Boyd to the Warne staff. Boyd, a registered Professional Engineer, was an honor graduate at the University of New Mexico where he earned his B.S. in Civil Engineering and his Master of Science in Engineering. He was assistant manager of Albuquerque Test-

ing Laboratories for some 10 years, and prior to his new position he was with the Sandia Laboratories in Albuquerque. He has established a new home in Phoenix with his wife, Barbara and their two children, Mark (4) and Ellen (2).

Mile-A-Day Award

The Mile-A-Day Concrete Paving Award was presented recently to the Morrison-Knudson Co., Inc. at a luncheon held in Phoenix. Warren Burres, Regional Manager, Southwest Region, of the Portland Cement Association presented the award to Furman Byers, area manager for Morrison-Knudson. The company placed 5,761 lineal feet of 24 foot wide pavement in one 9½ hour working day on Interstate 40, Flagstaff. The luncheon was attended by representatives of the cement industry, Arizona State Highway Commission, the Highway Department Director and Engineers and other personnel.

colorado

P.C. Double Feature

Denver's Rocky Mountain Chapter of Producers' Council had a mighty busy February. There was, of course, its most active participation in the Southwestern Regional Conference of the Building Owners and Managers Association held February 16-19 at the Hilton. Plus on February 19th, the P.C. Boys hosted the 7th Annual Architectural Display and Exhibit of new building products for the Architects. Oh, we should not forget to mention that this most interesting "1969 Carnival of Products" included an excellent Buffet Luncheon. John Kilbey was the Chairman in charge of the Architects' Display and Buffet Lunch.

Skiing, Anyone?

March 15th—the Central Colorado Chapter of the American Institute of Architects will head for the High Country . . . specifically Aspen. This provides CC architects an opportunity to get together with many of their colleagues of the Western Slope persuasion . . . including Grand Junction. This year's evening meeting will be preceded by a cocktail party hosted by Bethune and Moore and there is skiing, naturally, before and aft. Aspen Architects in charge are Bob Sterling and George Heneghan. The Central Colorado Chapter also had a rare opportunity to honor the National officers and members of the National Board of the Institute on Sunday afternoon, February 23. In the Party Room high atop Brooks Towers, (41st floor it says here in

small print) the V.I.P.s were treated to an eye-popping view of the Rocky Mountains and to various and sundry other types of refreshment. It was a wonderful opportunity for many Central Chapter members to meet informally with officers and directors from the National Level as the Institute's Board headed for a regular meeting at Vail. Commented Sim Slater — "Well, if you've got to go to a meeting in February, you can't beat Vail! That's the only way to fly!"

I.E.S. Schedules Meeting

On March 19th at 7:30 p.m. in the 12th Floor Auditorium of the Public Service Company, the Illuminating Engineering Society will present a vitally important program concerned with "Today's Challenges in Lighting." Architects, engineers, consultants and designers will wish to attend this special meeting where they will learn the how's, the where's, the what's and the when's of today's lighting recommendations. It presents an unusual opportunity to review the latest concepts of the role played by lighting in the total environment and will feature three nationally prominent authorities. So whip out your nearest red pencil and circle March 19th on your calendar—plan to attend the special I.E.S. Meeting on "Today's Challenges in Lighting."

montana

Hoiland Reports

Our "Man in Montana," AIA's Cal Hoiland from Great Falls is preparing an article for our April issue on the exciting Architect/Engineer Legislative Year meeting which was held February 6-7-8 in Billings. He implies that the section on "Professionalism" which was keynoted by Leo Ruth, Vice President of the National Society of Professional Engineers was of great interest.

Mr. H. also reported on the State of Legislation for which see our Regional Roundup on Legislative Affairs in this issue, and noted that the Annual Spring AIA-Student Joint Meeting has been scheduled for Bozeman (Home of Montana State University) on May 16-17.

There will be more-more-MORE from Cal come April!

nevada

Manager Featured

About 1,600 people (including Ye Ed) receive Bob Fort's fine "Between the Sheets" newsletter each month, and this time around the Executive Director of the Southern Nevada Air Conditioning and Steel Metal Contractors (SMACSMC . . . WOW!) was spotlighted. He is Mr. Max G. Christiansen, a former Golden Gloves Champ, and strong man for the Sheet Metal

and Air Conditioning Contractors in Las Vegas. Mr. C. stresses the importance of working more closely with manufacturers, and has been active in the adoption of a Uniform Mechanical Code in Greater Las Vegas. It would appear his achievements are many — and the potential is great! Thanks to "Between the Sheets," a lot more people in the Industry now know about Max Christiansen.

new mexico

State AIA Conference

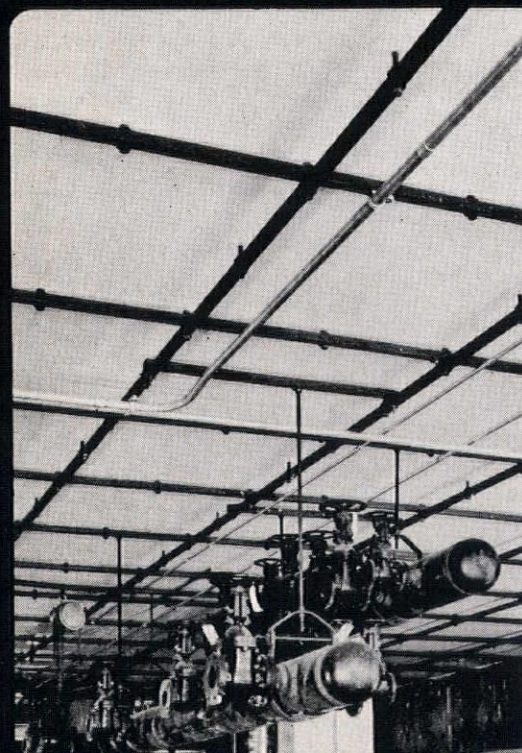
Tentatively scheduled for the second or third week in May, the State-wide Conference of the New Mexico Society/American Institute of Architects will be hosted by the Southern Chapter in Juarez, Mexico at the Camino Real. This border-type conference is under the general Chairmanship of Loren Mastin, and both the Mexico Society of Architects and El Paso AIA Chapter members have been invited to participate.

Joe Boehning, Albuquerque, noted for his fine Symposia reporting job, tells us there will be a program on the Olympic Buildings (Mexico City, 1968). Joe writes, "This should be a very interesting presentation because these buildings have not been too well publicized."

Safety Is the Watchword

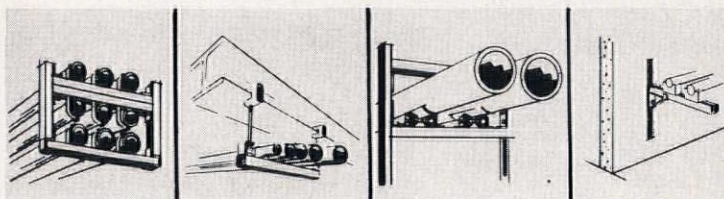
New Mexico's Construction Industry

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Advancement Program—a very important function of the New Mexico Building Branch of the A.G.C. is conducting a 20-hour course in safety and accident prevention. Beginning on February 11, the two-hour round table discussions are conducted each Tuesday evening for 10 weeks. Designed for construction foremen and supervisory personnel, the panel discussion will be conducted by Mr. Neil Widner, Safety Director and by safety engineers representing various insurance companies. Completion of the course qualifies graduates for U. S. Army Corps of Engineers and Atomic Energy Commission Recognition. Mr. Widner who is well known in Safety Circles and has been so commended by New Mexico Governor, David F. Cargo for his work in this field stated: "Safety is part of every supervisor's job on a construction site . . . moreover, safety should be of individual consideration to every employee."

Awards Program/AIA

The Alumni and Friends of the University of New Mexico's Department of Architecture has scheduled the Student Award program for May 9th at the Alvarado Hotel in Albuquerque. There will also be a Design Awards Competition for AIA members for projects still in the design stage. This criteria has been set in order that there will be no conflict with the regular Design Awards Program which accepts only completed projects. Mr. John Conron of Santa Fe who heads the Award Committee told the State Society Board Meeting on February 8 that the jury had selected the two state Award winners, but names would not be released until the New Mexico Art Commission could be notified. Joe Boehning will keep us

posted on this very exciting Awards Competition.

Who Controls the Controls?

Upcoming Region 10 Director for CSI, our own Bob Schmidt, reports that the dual technical studies . . . "Who Controls the Controls" have been submitted to the Institute and are undergoing review by the CSI Technical Program Committee. The studies incorporate . . . 1595:HVC Controls and Instruments and 1690: Electrical System Control in the CSI Documents Program . . . they were handled jointly because of close relationship. Bob writes: "The TPC Review is experiencing a 60- to 90-day delay. As you know, Ted Duke has taken another position and his replacement will be the former Technical Director of the A.I.A., Mr. Tom Hollenbach who joins the CSI Staff on February 24."

We hope to have from Mr. S. a special report on these studies within the very near.

utah

Utah Honors Engineers

Utah Engineering Week celebrated February 16-22 was an outstanding event in the Beehive State. Sponsored by the Utah Engineering Council, and chaired by Sigurd A. Bloomquist (Bloomquist and Brown, Consulting Engineers), members met for a gala Banquet on February 20th. This was, incidentally, the first event to be held in the new Salt Palace Exhibit Hall (See Symposia's Engineering Design Study). The program included exhibits from the Engineering Departments at BYU, University of Utah and Utah State University. Utah Industry, each engineering society and the government engineering organizations

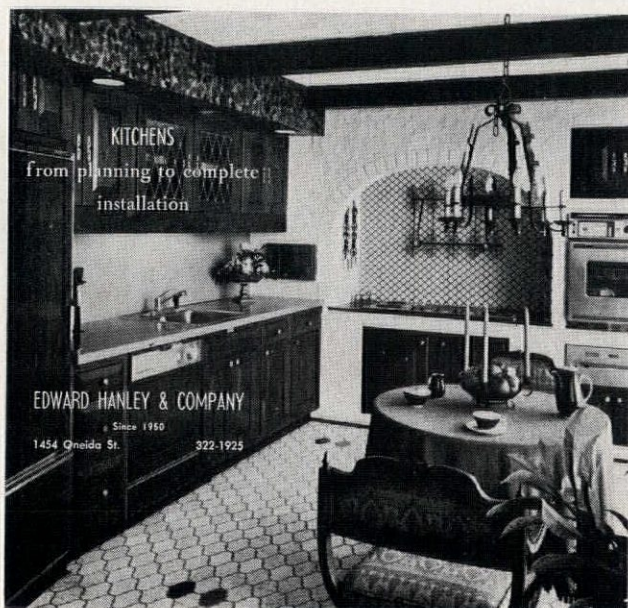
also participated in this feature of the program. There was a Forum for High School and College Students in the afternoon climaxed by a Student Design Competition. The Banquet complete with Awards and Honors was in the capable hands of George D. Clyde, and the principal speaker was no less than R. Buckminster Fuller, noted Engineer and Architect. Hyperbolic paraboloids, anyone?

Architectural Education Highlighted

In order that Utah's AIA members might hear Mr. R. Buckminster Fuller discuss "Operation Manual for Spaceship Earth" (see above item) — the Chapter meeting was postponed to February 27, and the emphasis was on Architectural Education. A delineation of the developments in the field was presented by Dean Robert L. Bliss, head of the Department of Architecture at Utah University and current President of the Association of Collegiate Schools of Architecture. Concurrently with the Bliss presentation was the inauguration of a new meeting feature for Utah's A.I.A. There was a display of a Student Chapter design project with a representative from the Student Chapter present to briefly explain the exhibit. A \$25 Award will be presented for the best yearly design for the student paper cover.

Growing Pains?

The Salt Lake Chapter News, official mouthpiece of the Salt Lake City Chapter of the Construction Specifications Institute added an extra page in February. Tabled the "Over-Budget Section," it included among other items an article by gifted Symposia Board Member from Denver, Mr. R. James Noone. Titled "Rewarding



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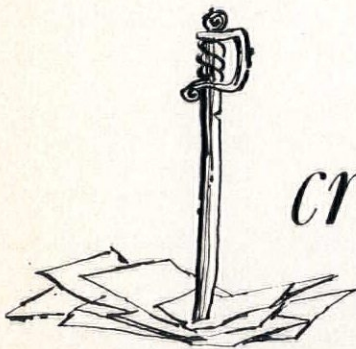
Ineptitude," it was in the best Noone style which as all Symposia readers know is very good indeed. New Editor of the Newsletter is Gordon G. Arkley replacing Ted Heleotes. Cec Holland (Chapter President and Paper Bag King) did a fine job of reporting the Region 10 Conference in Colorado Springs . . . according laurels, kudos, etc., to Chairman Tony Murray and Committee.

Wyoming

Wyoming Branch Opened

Fu Hua Chen, President of the Denver-based Consulting Soil Engineering firm of Denver—Chen and Associates,

Inc.—has opened a Wyoming office at 2219 Cy Avenue in Casper. The Engineering Manager will be Satee M. Siddeek who has been with the Chen firm some six years. Mr. Siddeek was educated at the Royal Military College of Baghdad and the School of Military Engineers in Chatham, England. The Casper office will provide site inspection, fill control and pier inspection throughout the state. The back-up service will include complete laboratory facilities for soil testing, load-bearing tests and pore water studies in the construction of earth fill dams. The telephone number of this new Chen office, (not listed incidentally) is 307/234-2126.



critique

(Symposia means a free interchange of ideas—we want you to express your ideas, thoughts and opinions on any and all architectural and building subjects. Simply address: Symposia, 4070 Estes Street, Wheat Ridge, Colo. 80033.)

Betty of the Symposia Team:

Saw your article on Pikes Peak Chapter of C.S.I. in Symposia. If there's still time, could you please give Lyle Mayhew equal billing on the "big story" next month? It was really he who slammed that first pitch for a base hit. Nothing Terry, Bill and I could do after that except drive him home.

Would sure appreciate, Betty.

Many thanks,

Dorothy

(Dorothy Albers/Lusk and Wallace, Architects

Vice President, Pikes Peak Chapter)

That really big story on the Pikes Peak Chapter is partially covered in this month's Summary of the Region 10 Conference . . . however we are still awaiting a picture and "life and times" from your fine first President, who is probably pretty busy practicing architecture . . . suppose?

Dear Mrs. Trunk:

The writer is surely way behind in his back reading and, as a result, has just gotten around to looking through some of the back issues of SYMPOSIA. You have every right to ask, "How far behind can a fellow get in such matters?" It does seem that I am about six months behind in some things. Anyway, this acknowledges your summary of the Colorado Springs presentation on the "Construction Practices Council of New Mexico, Incorporated—Its Purpose and Goals." It is my feeling you did a very objective report on this and I wish to convey my belated acknowledgment and thanks.

You may be interested to know that at least two other areas, besides the Colorado area, are interested in an endeavor somewhat similar to CPC. These are centered in North Carolina and the state of Washington. The sponsor for North Carolina is Mr. J. McCree Smith, Director of Physical Plant, North Carolina State University, Raleigh; and for the state of Washington, Mr. H. Stuart Litzinger, Director of Physical Plant, Western Washington State College, Bellingham. Inasmuch as they have probably not seen your report on the Colorado Springs meeting, I am sending them a Xerox copy of your story. I am also sending a copy to the Editor of our APPA NEWSLETTER, Mr. Richard A. Adams (who is constantly an interested party in this endeavor), and to each member of the CPC Board of Directors and CPC Owners Group. They, of course, are extremely interested parties in the endeavor which, as you point out, gives the undertaking its unique quality.

With my very best personal regards, I remain,

Yours very truly,

M. F. Fifield/Director CPC

Administrator/Physical Plant Department
University of New Mexico

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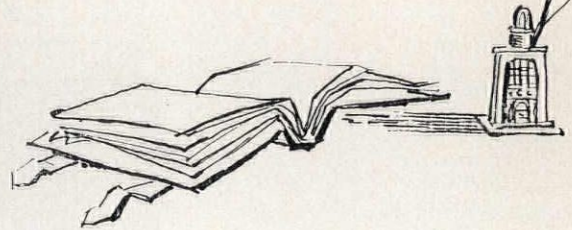
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Memo . . .



(NOTE: Symposia brings you "Memo" each month as a "string around your finger" to help you remember those important dates in the architecture/engineering/construction community. We appreciate having full details . . . what, where and when, in our office by the 10th of the month preceding publication. Thank you all for your fine cooperation. Address meeting notices to SYMPOSIA, 4070 Estes Street, Wheat Ridge, Colorado 80033—to the attention of Florence Morrison.)

of regional interest

- MAR. 14-20:** Associated General Contractors of America/50th Anniversary Convention. Headquarters: Washington Hilton, Washington, D. C.
MAR. 19-20: CEC/AIA Joint Legislative Conference, Mayflower Hotel, Washington, D. C.

arizona

- MAR. 3:** American Institute of Architects/Central Arizona Chapter. Executive Committee Meeting—4:00 p.m.
MAR. 10: Construction Specifications Institute/Tucson Chapter. Board of Directors Meeting. Noon at Paulo's Restaurant.
MAR. 12: Construction Specifications Institute / Phoenix Chapter—Board of Directors Meeting.
MAR. 12: Women in Construction/Tucson Chapter. Regular membership meeting. Telephone notifications of time and place.
MAR. 17: Producer's Council/Phoenix Chapter. Informational Meeting sponsored by Sherwin-Williams.
MAR. 19: Construction Specifications Institute / Phoenix Chapter Regular Membership Meeting. Social Hour: 6:00—Dinner: 7:00—Meeting: 8:00 p.m. Saddleback Inn, 2420 East Camelback Road (Reservations should be made with Joe Gabriel, Secretary—Telephone 275-4741.)

colorado

- MAR. 4:** Consulting Engineers Council/Colorado. Directors Meeting. Cocktails: 6:00—Dinner: 6:30 p.m. Denver Press Club. (Note: All members are invited and urged to attend Board Meetings. For reservations: telephone 757-3379 before noon of the previous day.)
MAR. 4: Associated Building Contractors of Colorado, Inc. (AGC) Regular dinner meeting of General Contractor members—Brown Palace Hotel, Denver. Social period begins at 6:30 p.m.
MAR. 5: Association of Remodeling Contractors—Board of Directors Dinner Meeting: 6:30 p.m. Four Winds Motel, Denver.
MAR. 10: Architectural Secretary's Association—Regular Monthly Membership Meeting.

MAR. 10: Associated Building Contractors of Colorado (AGC) Regular Dinner Meeting of Colorado Springs area members—Dublin House. Social period begins at 6:30 p.m.

MAR. 11: Producer's Council/Rocky Mountain Chapter Informational Meeting/Sherwin Williams. Cherry Creek Inn, 12:00 noon.

MAR. 11: Colorado Masonry Contractors Association. Contractor members only. Social Hour: 6:30—Dinner: 7:00 p.m. Engineers Club Building.

MAR. 12: American Institute of Architects/South Chapter. Regular Dinner Meeting. 6:30—place to be announced.

MAR. 12: Construction Specifications Institute — Denver Chapter. Regular Membership Meeting. Cocktails: 6:00 —Dinner: 6:30—Program: 7:30 p.m. Spa Motor Inn, 930 Valley Highway.

MAR. 13: Mechanical Contractors Association. Regular Luncheon Meeting. Noon. New Plumbing Showcase, 2727 W. 6th Avenue.

MAR. 13: Colorado Pipe Trades Industry Program/Board of Trustees. 4:00 p.m. New Plumbing Showcase.

MAR. 15: American Institute of Architects/Colorado Central Chapter. Special Meeting to be held in Aspen.

MAR. 18: Construction Specifications Institute — Pikes Peak Chapter. Regular Membership Meeting. Cocktails: 6:00—Dinner: 7:00 p.m. Place to be announced.

MAR. 19: Women in Construction/Metropolitan Denver Chapter—Regular Membership Meeting. Cocktails: 6:00 —Dinner: 6:30 p.m. Ranch Manor, 1490 South Santa Fe Drive.

MAR. 19: Illuminating Engineering Society — Special Meeting, "Today's Challenges in Lighting." 7:30 p.m., 12th floor, Auditorium, Public Service Co.

MAR. 24: Construction Advancement Program (C.A.P.) Associated Building Contractors of Colorado, Inc. Trustees Meeting ABC Conference Room. Engineers Club Building, 1380 South Santa Fe Drive, Denver—2:00 p.m.

MAR. 25: Consulting Engineers Council/Colorado. Regular Membership Meeting. Cocktails: 5:30—Dinner: 6:30 p.m. Denver Press Club.

MAR. 25: Construction Specifications Institute/Denver Chapter. Board Meeting. Noon. Engineers Club.

MAR. 27: Mountain States Bureau for Lathing and Plastering Board of Governors. 10 a.m. 221 Santa Fe Drive.

MAR. 29: Colorado Mason Contractors/Second Annual Conference. Theme: "Masonry and The Future." 9:00 a.m.-5:00 p.m., Merchandise Mart.

new mexico

MAR. 6: Construction Specifications Institute/Albuquerque Chapter/Spec. School. Topic Section 002: **Bidding** . . . Joe Long, Architect. 4:00-6:00 p.m. Department of Architecture, University of New Mexico.

MAR. 10: Associated General Contractors Monthly Membership Meeting. Cocktail Hosts: Albuquerque National, Bank of New Mexico, First National Bank, Citizens State Bank, Don J. Cummings Company. Program presented by Dr. Frank Hibben. Ladies are invited.

MAR. 11: Construction Specifications Institute/Albuquerque Chapter. Regular Membership Meeting. Happy hour: 5:30—Dinner: 6:30—Meeting: 7:30 p.m. Sundowner Motel. (Note: any members in town on this date are cordially invited to join 'the group'.)

MAR. 13: Construction Specifications Institute/Albuquerque Chapter/Spec School. Topic: **General Conditions** . . . Joe Long, Architect. 4:00-6:00 p.m., Department of Architecture, University of New Mexico.

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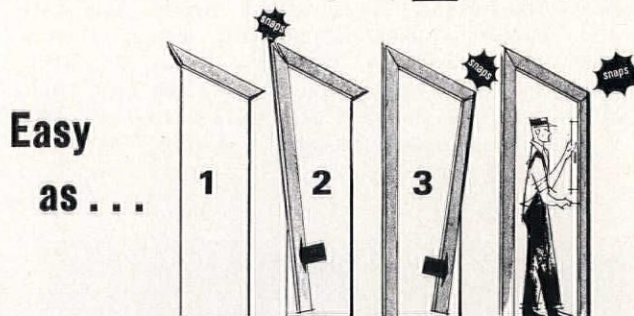
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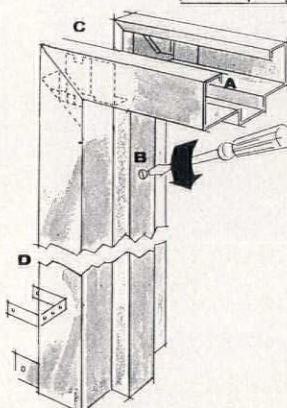
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Regional Council Meets

MAR. 13: American Institute of Architects/Santa Fe Chapter. Regular Membership Meeting—High Noon—The Forge.

MAR. 14: American Institute of Architects/Southern Chapter Regular Membership Meeting. Topic: "Computerized Practice"—at Alamogordo, New Mexico.

MAR. 20: Construction Specifications Institute/Albuquerque Chapter/Spec School. Topic: **Bonds and Insurance** . . . E. R. Brannan, Fireman's Insurance-Newark, N.J., 4:00-6:00 p.m.—Department of Architecture, University of New Mexico.

MAR. 26: Consulting Engineers Council/New Mexico. Board of Directors meeting, 11:30 a.m. General Membership 12:00 noon. Luncheon: Eby's Restaurant, 6804 Menaul Boulevard N.E. (Across from Coronado Shopping Center, Albuquerque.)

MAR. 27: Construction Specifications Institute/Albuquerque Chapter/Spec School. Topic: **Contract Liabilities** . . . Charles E. Barnhart, P.E. and attorney, 4:00-6:00 p.m. Department of Architecture, University of New Mexico.

utah

MAR. 4: Construction Specifications Institute/Salt Lake Chapter Board Meeting.

MAR. 6-7: Educational Facilities Workshop under joint sponsorship of Utah Chapter/AIA and U. S. Office of Education. Full details in Utah Chapter Mailing. Salt Lake City Technical College.

MAR. 12: Consulting Engineers Council/Utah Executive Board Meeting. Ambassador Club Oak Room, 11:30 a.m.

MAR. 12: Consulting Engineers Council/Salt Lake Chapter—Membership Meeting. Ambassador Club, Oak

MAR. 18: Construction Specifications Institute/Salt Lake City Chapter. Regular Membership Meeting. Social hour: 6:30—Dinner 7:00—Meeting 8:00 p.m. The World Motel, 1900 South State Street. Salt Lake City, Utah.

MAR. 20: American Institute of Architects/Utah Chapter. Regular Membership Meeting. University Club. Room, 12:00 noon.

The Regional Council of the Western Mountain Region meeting in conjunction with the Grassroots Conference was, as always, most efficiently chaired by WMR Director, Dean Sidney Little, FAIA. Topics covered were many and varied, and included a report from Mr. Robert Fielden, President of the Nevada Association of Architects, on projected plans for the 18th Regional Conference to be held November 10-14 at the Dunes Hotel and Country Club in Las Vegas, Nevada. Legislative actions in the various states of the Region were up for discussion (See Status Report/Legislation in this issue). New Fee Schedules have been adopted in New Mexico, and Colorado—work is going forward in Nevada and Arizona. Nominations for a Regional Director to succeed Dean Little whose term expires at the National AIA Convention to be held in Boston in 1970 were made. Those nominated were Max Flatow, FAIA, of Albuquerque, New Mexico; Fred Montmorency of Salt Lake City, Utah; Robert Fielden of Las Vegas, Nevada and Richard Arnold of Phoenix, Arizona. When balloting revealed no majority vote was cast for any of the four candidates, it was moved and seconded that all four nominations be taken to the Regional Conference for a decision. In unanimous action, the Regional Council voted that Director Sidney Little be nominated for the office of Second Vice President of the Institute at the 1970 National Convention in Boston. Those present at the Council Meeting were: Director Sidney W. Little, FAIA and Richard A. Morse, Secretary-Treasurer representing the WMR. From Arizona: Richard M. Arnold and L. Don Miller; from Colorado: C. Gordon Sweet, DeVon M. Carlson and James K. Holst; from Nevada: Robert Fielden, David Welles, Gerald Strehlow, and Edward S. Parsons; from New Mexico: A. Beryl Durham, Van Dorn Hooker, D. Craig Protz and Charles Lugton; from Utah: William A. Richardson, Lewis E. Sandstrom, Jr. and Verl L. Gessel and from Wyoming, John E. Toohey. Marvin Boland from the Lower Rio Grande Valley Chapter was present as a guest, and Executive Secretaries attending were Barbara Light (Colorado), Phil Stitt (Arizona) and Nelson Aldrich (Utah). (Nels reports, incidentally, "it rained continually—night and day." Heavy California dew, no doubt!

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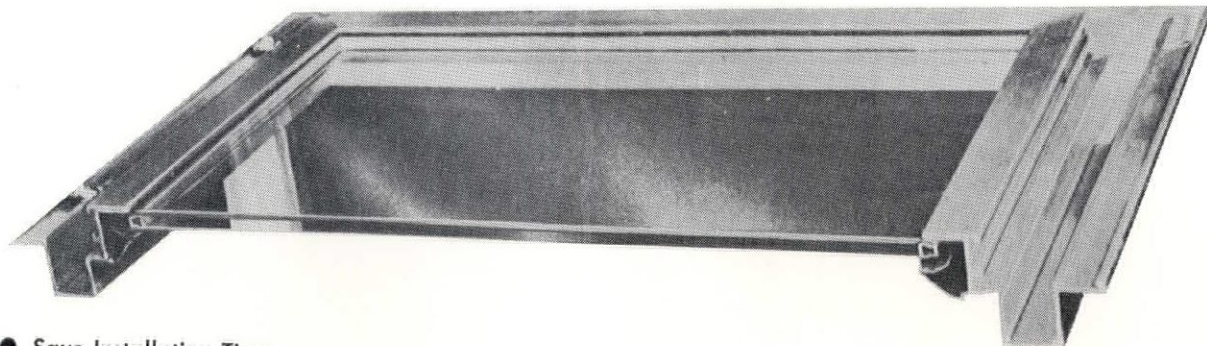
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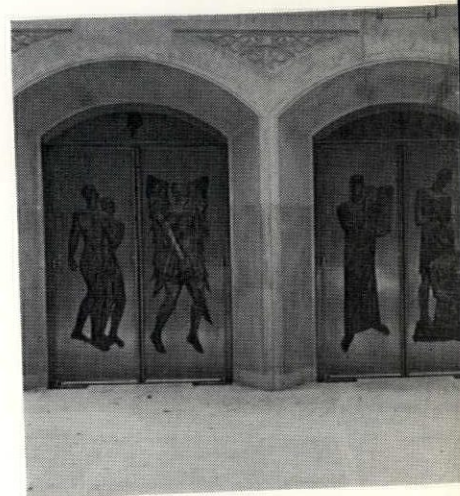
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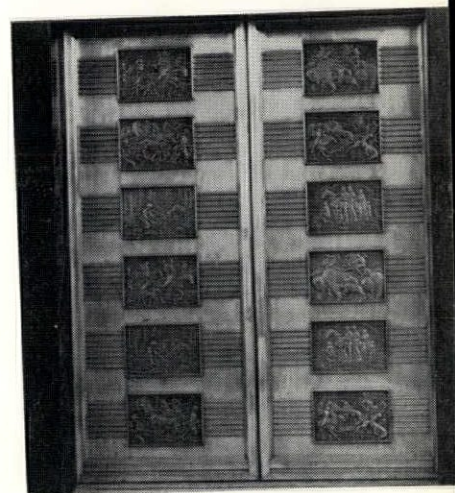
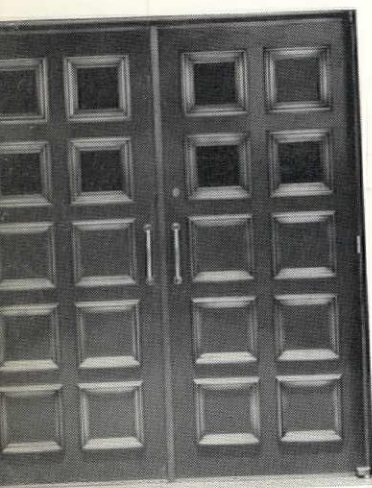
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